

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016528.D
 Acq On : 29 Nov 2023 09:33
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.826	168	175346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	264525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	218423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	97558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	24741	17.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.720%#		
35) Dibromofluoromethane	7.759	113	30572	19.692	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.380%#		
50) Toluene-d8	10.209	98	120458	20.005	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.000%#		
62) 4-Bromofluorobenzene	12.508	95	35791	18.947	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	37.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	33309	21.807	ug/l	100
3) Chloromethane	2.138	50	32302	21.200	ug/l	96
4) Vinyl Chloride	2.278	62	36018	20.944	ug/l	94
5) Bromomethane	2.680	94	20655	18.554	ug/l	100
6) Chloroethane	2.827	64	22851	20.582	ug/l	97
7) Trichlorofluoromethane	3.162	101	61756	20.743	ug/l	98
8) Diethyl Ether	3.564	74	14631	18.502	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.942	101	34900	20.650	ug/l	99
10) Methyl Iodide	4.137	142	39053	20.425	ug/l	97
11) Tert butyl alcohol	4.991	59	7923	90.236	ug/l #	89
12) 1,1-Dichloroethene	3.918	96	32160	20.361	ug/l #	77
13) Acrolein	3.765	56	13156	79.073	ug/l	96
14) Allyl chloride	4.527	41	36385	20.038	ug/l #	88
15) Acrylonitrile	5.216	53	23514	84.032	ug/l	97
16) Acetone	3.979	43	23965	88.256	ug/l #	87
17) Carbon Disulfide	4.235	76	91753	20.590	ug/l	98
18) Methyl Acetate	4.515	43	17267	16.839	ug/l #	82
19) Methyl tert-butyl Ether	5.271	73	62254	18.086	ug/l	94
20) Methylene Chloride	4.771	84	33255	18.854	ug/l #	80
21) trans-1,2-Dichloroethene	5.271	96	36350	20.663	ug/l	86
22) Diisopropyl ether	6.161	45	76226	20.020	ug/l #	86
23) Vinyl Acetate	6.106	43	161895	92.205	ug/l #	86
24) 1,1-Dichloroethane	6.064	63	54603	20.321	ug/l #	93
25) 2-Butanone	7.027	43	35392	94.692	ug/l #	86
26) 2,2-Dichloropropane	7.027	77	54217	20.415	ug/l	94
27) cis-1,2-Dichloroethene	7.027	96	37108	19.634	ug/l	88
28) Bromochloromethane	7.375	49	18092	18.630	ug/l #	69
29) Tetrahydrofuran	7.393	42	17439	86.852	ug/l #	79
30) Chloroform	7.545	83	59941	20.014	ug/l	94
31) Cyclohexane	7.826	56	50546	20.784	ug/l #	78
32) 1,1,1-Trichloroethane	7.740	97	59453	20.485	ug/l	95
36) 1,1-Dichloropropene	7.960	75	49024	21.383	ug/l	97
37) Ethyl Acetate	7.112	43	13281	18.483	ug/l #	88
38) Carbon Tetrachloride	7.941	117	56638	21.048	ug/l	97
39) Methylcyclohexane	9.216	83	59253	20.721	ug/l	88
40) Benzene	8.198	78	134424	20.680	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016528.D
 Acq On : 29 Nov 2023 09:33
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	6379m	16.059	ug/l	
42) 1,2-Dichloroethane	8.271	62	30816	19.130	ug/l	92
43) Isopropyl Acetate	8.307	43	24980	17.679	ug/l #	80
44) Trichloroethene	8.972	130	41181	20.568	ug/l	93
45) 1,2-Dichloropropane	9.246	63	29620	20.194	ug/l	97
46) Dibromomethane	9.338	93	15508	18.803	ug/l	98
47) Bromodichloromethane	9.527	83	42395	19.469	ug/l	98
48) Methyl methacrylate	9.325	41	13949	17.584	ug/l #	78
49) 1,4-Dioxane	9.331	88	2672	349.853	ug/l #	72
51) 4-Methyl-2-Pentanone	10.100	43	66429	90.119	ug/l #	86
52) Toluene	10.270	92	86676	20.757	ug/l	94
53) t-1,3-Dichloropropene	10.496	75	37444	18.556	ug/l	100
54) cis-1,3-Dichloropropene	9.959	75	46819	19.147	ug/l #	83
55) 1,1,2-Trichloroethane	10.673	97	22118	18.584	ug/l	94
56) Ethyl methacrylate	10.539	69	18135	18.006	ug/l #	74
57) 1,3-Dichloropropane	10.819	76	36031	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.813	63	53450	85.821	ug/l #	86
59) 2-Hexanone	10.862	43	57762	99.204	ug/l	81
60) Dibromochloromethane	11.014	129	29137	18.730	ug/l	99
61) 1,2-Dibromoethane	11.118	107	20283	18.047	ug/l	100
64) Tetrachloroethene	10.752	164	41264	21.228	ug/l	95
65) Chlorobenzene	11.544	112	90613	20.715	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.618	131	33774	20.141	ug/l	99
67) Ethyl Benzene	11.618	91	160872	20.951	ug/l	98
68) m/p-Xylenes	11.727	106	125658	42.286	ug/l	93
69) o-Xylene	12.057	106	56709	20.787	ug/l	96
70) Styrene	12.069	104	80640	20.544	ug/l	97
71) Bromoform	12.233	173	15994	18.466	ug/l #	98
73) Isopropylbenzene	12.355	105	161625	21.846	ug/l	99
74) N-amyl acetate	12.166	43	19350	18.520	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.605	83	21206	19.309	ug/l	100
76) 1,2,3-Trichloropropane	12.660	75	16462m	20.031	ug/l	
77) Bromobenzene	12.636	156	34724	20.157	ug/l	88
78) n-propylbenzene	12.697	91	185279	21.890	ug/l	98
79) 2-Chlorotoluene	12.782	91	100573	21.364	ug/l	96
80) 1,3,5-Trimethylbenzene	12.837	105	129006	21.692	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.404	75	7088	18.872	ug/l	86
82) 4-Chlorotoluene	12.880	91	102093	21.122	ug/l	96
83) tert-Butylbenzene	13.099	119	114886	21.405	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	123880	21.395	ug/l	98
85) sec-Butylbenzene	13.276	105	162460	21.886	ug/l	99
86) p-Isopropyltoluene	13.392	119	139545	21.758	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	66440	20.425	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	64840	20.366	ug/l	99
89) n-Butylbenzene	13.721	91	120540	21.442	ug/l	96
90) Hexachloroethane	13.983	117	26433	21.123	ug/l	95
91) 1,2-Dichlorobenzene	13.764	146	54735	19.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2797	18.104	ug/l	86
93) 1,2,4-Trichlorobenzene	15.032	180	26961	18.288	ug/l	98
94) Hexachlorobutadiene	15.135	225	19429	20.350	ug/l	99
95) Naphthalene	15.263	128	39384	16.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	20519	17.779	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
Data File : VY016528.D
Acq On : 29 Nov 2023 09:33
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
Supervised By :Semsettin Yesilyurt 11/30/2023

Quant Time: Nov 30 03:06:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016528.D
 Acq On : 29 Nov 2023 09:33
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 30 03:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/30/2023
 Supervised By :Semsettin Yesilyurt 11/30/2023

