

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/19/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48010	20.240	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.480%#		
35) Dibromofluoromethane	7.716	113	44989	20.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.480%#		
50) Toluene-d8	10.179	98	163898	20.300	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.600%#		
62) 4-Bromofluorobenzene	12.483	95	58760	20.397	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	40.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33708	19.542	ug/l	99
3) Chloromethane	2.113	50	44652	20.502	ug/l	98
4) Vinyl Chloride	2.247	62	50191	20.533	ug/l	96
5) Bromomethane	2.631	94	36571	20.510	ug/l	95
6) Chloroethane	2.784	64	33444	21.278	ug/l	94
7) Trichlorofluoromethane	3.119	101	75193	20.214	ug/l	97
8) Diethyl Ether	3.528	74	26516	20.176	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	42757	19.982	ug/l	98
10) Methyl Iodide	4.088	142	56946	20.381	ug/l	97
11) Tert butyl alcohol	4.960	59	35653	97.369	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	40250	20.103	ug/l	89
13) Acrolein	3.729	56	28465	104.474	ug/l	100
14) Allyl chloride	4.479	41	63124	20.163	ug/l	96
15) Acrylonitrile	5.161	53	70838	90.350	ug/l	98
16) Acetone	3.948	43	76984	87.553	ug/l	93
17) Carbon Disulfide	4.192	76	117708	20.068	ug/l	99
18) Methyl Acetate	4.479	43	53524	17.686	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	127012	19.664	ug/l	100
20) Methylene Chloride	4.710	84	52696	20.173	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	46742	20.048	ug/l	93
22) Diisopropyl ether	6.119	45	138296	20.287	ug/l	95
23) Vinyl Acetate	6.064	43	409922	96.938	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	82877	20.493	ug/l	96
25) 2-Butanone	6.990	43	106244	88.214	ug/l	95
26) 2,2-Dichloropropane	6.984	77	73317	20.149	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	54864	20.432	ug/l	92
28) Bromochloromethane	7.332	49	35227	20.367	ug/l	89
29) Tetrahydrofuran	7.350	42	64049	87.857	ug/l	91
30) Chloroform	7.509	83	88622	20.437	ug/l	99
31) Cyclohexane	7.789	56	73804	19.879	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	78692	20.282	ug/l	98
36) 1,1-Dichloropropene	7.923	75	66318	19.828	ug/l	99
37) Ethyl Acetate	7.070	43	42738	17.727	ug/l #	94
38) Carbon Tetrachloride	7.899	117	70570	19.852	ug/l	97
39) Methylcyclohexane	9.185	83	83750	20.037	ug/l	92
40) Benzene	8.161	78	191216	20.285	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/19/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23101m	19.031	ug/l	
42) 1,2-Dichloroethane	8.234	62	60360	19.878	ug/l	95
43) Isopropyl Acetate	8.277	43	76466	18.141	ug/l	94
44) Trichloroethene	8.941	130	53096	20.089	ug/l	97
45) 1,2-Dichloropropane	9.216	63	47958	20.329	ug/l	94
46) Dibromomethane	9.307	93	30324	19.362	ug/l	97
47) Bromodichloromethane	9.496	83	69223	20.166	ug/l	99
48) Methyl methacrylate	9.295	41	34094	17.770	ug/l	88
49) 1,4-Dioxane	9.301	88	8364	335.384	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	217461	89.715	ug/l	92
52) Toluene	10.246	92	124120	20.300	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	72661	19.540	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	80338	19.820	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	42732	19.860	ug/l	95
56) Ethyl methacrylate	10.514	69	59179	18.820	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	71412	19.564	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	145180	96.122	ug/l	94
59) 2-Hexanone	10.831	43	162251	87.980	ug/l	89
60) Dibromochloromethane	10.984	129	51564	19.816	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42095	19.224	ug/l	98
64) Tetrachloroethene	10.721	164	47457	19.766	ug/l	96
65) Chlorobenzene	11.514	112	134488	20.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	50488	19.976	ug/l	99
67) Ethyl Benzene	11.593	91	239531	20.187	ug/l	99
68) m/p-Xylenes	11.703	106	188641	40.769	ug/l	94
69) o-Xylene	12.026	106	89136	20.250	ug/l	96
70) Styrene	12.044	104	152655	20.348	ug/l	96
71) Bromoform	12.209	173	33991	19.113	ug/l #	99
73) Isopropylbenzene	12.331	105	237764	19.921	ug/l	100
74) N-amyl acetate	12.142	43	69538	18.446	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	55994	18.731	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41110m	18.265	ug/l	
77) Bromobenzene	12.611	156	57135	19.722	ug/l	100
78) n-propylbenzene	12.672	91	293107	20.388	ug/l	100
79) 2-Chlorotoluene	12.758	91	163304	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	201509	20.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18336	17.717	ug/l	94
82) 4-Chlorotoluene	12.855	91	171772	20.397	ug/l	98
83) tert-Butylbenzene	13.075	119	175965	20.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	200082	20.381	ug/l	97
85) sec-Butylbenzene	13.251	105	265727	20.524	ug/l	100
86) p-Isopropyltoluene	13.367	119	221352	20.458	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	114179	20.257	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	115715	20.390	ug/l	99
89) n-Butylbenzene	13.696	91	206568	20.508	ug/l	97
90) Hexachloroethane	13.959	117	41717	20.226	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	104347	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10435	18.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64756	19.642	ug/l	97
94) Hexachlorobutadiene	15.111	225	36925	20.620	ug/l	98
95) Naphthalene	15.233	128	145427	17.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	58211	19.330	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
Data File : VY016016.D
Acq On : 18 Oct 2023 12:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/19/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 19 02:55:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
Response via : Initial Calibration

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

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

