

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016144.D
 Acq On : 31 Oct 2023 13:12
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	180987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	287034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	249953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	116324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	34131	20.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.300%#		
35) Dibromofluoromethane	7.728	113	34794	20.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.660%#		
50) Toluene-d8	10.191	98	133672	19.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	39.400%#		
62) 4-Bromofluorobenzene	12.489	95	46006	19.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22029	19.081	ug/l	97
3) Chloromethane	2.119	50	32053	20.053	ug/l	98
4) Vinyl Chloride	2.253	62	31826	19.291	ug/l	95
5) Bromomethane	2.656	94	21642	19.438	ug/l	96
6) Chloroethane	2.796	64	23310	20.069	ug/l	99
7) Trichlorofluoromethane	3.137	101	48565	19.499	ug/l	99
8) Diethyl Ether	3.540	74	16908	20.482	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.911	101	31112	19.828	ug/l	96
10) Methyl Iodide	4.107	142	34292	19.654	ug/l	96
11) Tert butyl alcohol	4.966	59	13174	104.114	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	28387	19.822	ug/l	88
13) Acrolein	3.741	56	13680	113.065	ug/l	98
14) Allyl chloride	4.497	41	40834	19.934	ug/l #	95
15) Acrylonitrile	5.180	53	35511	100.672	ug/l	99
16) Acetone	3.954	43	30469	101.361	ug/l	98
17) Carbon Disulfide	4.204	76	69374	19.403	ug/l	99
18) Methyl Acetate	4.485	43	27722	20.355	ug/l	93
19) Methyl tert-butyl Ether	5.234	73	82475	20.246	ug/l	99
20) Methylene Chloride	4.734	84	36998	19.629	ug/l	89
21) trans-1,2-Dichloroethene	5.234	96	33714	20.210	ug/l	89
22) Diisopropyl ether	6.137	45	99862	20.155	ug/l	87
23) Vinyl Acetate	6.076	43	244067	100.330	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	59850	20.184	ug/l	96
25) 2-Butanone	6.996	43	46351	99.203	ug/l	93
26) 2,2-Dichloropropane	6.996	77	56073	20.004	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	39382	20.061	ug/l	93
28) Bromochloromethane	7.350	49	21480	19.358	ug/l	89
29) Tetrahydrofuran	7.362	42	29723	101.482	ug/l	91
30) Chloroform	7.521	83	65741	20.364	ug/l	96
31) Cyclohexane	7.801	56	49266	18.924	ug/l #	80
32) 1,1,1-Trichloroethane	7.716	97	59555	20.115	ug/l	98
36) 1,1-Dichloropropene	7.929	75	49358	19.975	ug/l	99
37) Ethyl Acetate	7.088	43	21295	19.349	ug/l #	92
38) Carbon Tetrachloride	7.911	117	47955	19.589	ug/l	98
39) Methylcyclohexane	9.197	83	57388	19.457	ug/l	95
40) Benzene	8.173	78	140773	19.844	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016144.D
 Acq On : 31 Oct 2023 13:12
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10649	16.670	ug/l	96
42) 1,2-Dichloroethane	8.246	62	40007	20.209	ug/l	96
43) Isopropyl Acetate	8.283	43	43882	20.157	ug/l	93
44) Trichloroethene	8.953	130	41320	19.904	ug/l	95
45) 1,2-Dichloropropane	9.228	63	34091	19.977	ug/l	96
46) Dibromomethane	9.319	93	19185	19.818	ug/l	99
47) Bromodichloromethane	9.508	83	49766	20.233	ug/l	99
48) Methyl methacrylate	9.301	41	19937	20.140	ug/l	90
49) 1,4-Dioxane	9.313	88	5652	399.114	ug/l #	75
51) 4-Methyl-2-Pentanone	10.081	43	109849	101.127	ug/l	92
52) Toluene	10.252	92	91846	19.980	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	48627	19.804	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	57710	20.030	ug/l	89
55) 1,1,2-Trichloroethane	10.654	97	27039	19.856	ug/l	96
56) Ethyl methacrylate	10.520	69	35286	19.953	ug/l #	84
57) 1,3-Dichloropropane	10.800	76	46913	20.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	88076	102.707	ug/l	92
59) 2-Hexanone	10.843	43	74594	100.212	ug/l	92
60) Dibromochloromethane	10.996	129	34259	20.054	ug/l	98
61) 1,2-Dibromoethane	11.099	107	26199	20.227	ug/l	98
64) Tetrachloroethene	10.733	164	44595	20.058	ug/l	97
65) Chlorobenzene	11.526	112	99410	20.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	36767	19.989	ug/l	99
67) Ethyl Benzene	11.605	91	178369	20.082	ug/l	97
68) m/p-Xylenes	11.715	106	138144	40.249	ug/l	93
69) o-Xylene	12.038	106	64899	19.804	ug/l	97
70) Styrene	12.056	104	109259	20.056	ug/l	96
71) Bromoform	12.221	173	20064	19.663	ug/l #	99
73) Isopropylbenzene	12.337	105	175735	20.140	ug/l	99
74) N-amyl acetate	12.154	43	38021	20.052	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	27870	20.072	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	20694m	16.858	ug/l	
77) Bromobenzene	12.617	156	39194	19.837	ug/l	95
78) n-propylbenzene	12.678	91	207460	20.110	ug/l	98
79) 2-Chlorotoluene	12.770	91	117191	20.368	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	143452	20.292	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9767	19.332	ug/l	97
82) 4-Chlorotoluene	12.867	91	119295	20.191	ug/l	99
83) tert-Butylbenzene	13.087	119	128241	20.274	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	141324	20.203	ug/l	99
85) sec-Butylbenzene	13.263	105	188074	20.258	ug/l	98
86) p-Isopropyltoluene	13.379	119	156198	20.300	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	78029	19.969	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	77935	20.179	ug/l	98
89) n-Butylbenzene	13.702	91	143668	20.321	ug/l	96
90) Hexachloroethane	13.971	117	26308	19.841	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	67654	20.039	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4782	19.244	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	42354	20.325	ug/l	99
94) Hexachlorobutadiene	15.117	225	23979	21.058	ug/l	95
95) Naphthalene	15.245	128	79385	19.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	36519	20.515	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
Data File : VY016144.D
Acq On : 31 Oct 2023 13:12
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:16:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:01:33 2023
Response via : Initial Calibration

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

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

