

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016912.D
 Acq On : 03 Jan 2024 16:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 00:33:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.813	168	125123	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	216803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	189465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	82697	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56582	45.754	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.500%		
35) Dibromofluoromethane	7.740	113	60870	44.059	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.120%		
50) Toluene-d8	10.197	98	211552	44.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.940%		
62) 4-Bromofluorobenzene	12.502	95	70677	44.033	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41737	43.832	ug/l	96
3) Chloromethane	2.125	50	74292	50.544	ug/l	95
4) Vinyl Chloride	2.266	62	84272	48.607	ug/l	97
5) Bromomethane	2.668	94	62900	50.642	ug/l	96
6) Chloroethane	2.814	64	59067	50.364	ug/l	99
7) Trichlorofluoromethane	3.144	101	100335	46.969	ug/l	100
8) Diethyl Ether	3.552	74	35019	51.295	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.924	101	65088	46.860	ug/l	98
10) Methyl Iodide	4.113	142	61279	51.858	ug/l	98
11) Tert butyl alcohol	4.979	59	22135	245.436	ug/l	99
12) 1,1-Dichloroethene	3.899	96	57331	48.107	ug/l	98
13) Acrolein	3.747	56	32660	241.924	ug/l	99
14) Allyl chloride	4.503	41	98219	52.133	ug/l	99
15) Acrylonitrile	5.192	53	83351	261.020	ug/l	100
16) Acetone	3.967	43	71878	234.312	ug/l	100
17) Carbon Disulfide	4.223	76	144455	50.729	ug/l	100
18) Methyl Acetate	4.503	43	78121	58.963	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	163569	52.756	ug/l	100
20) Methylene Chloride	4.741	84	78032	48.640	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	68968	50.529	ug/l	99
22) Diisopropyl ether	6.143	45	236766	54.358	ug/l	98
23) Vinyl Acetate	6.088	43	515924	258.327	ug/l	100
24) 1,1-Dichloroethane	6.045	63	135977	51.950	ug/l	99
25) 2-Butanone	7.009	43	106070	251.393	ug/l	100
26) 2,2-Dichloropropane	7.009	77	107168	47.222	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	83618	52.261	ug/l	98
28) Bromochloromethane	7.356	49	53942	54.895	ug/l	96
29) Tetrahydrofuran	7.368	42	66311	264.929	ug/l	97
30) Chloroform	7.527	83	140339	52.029	ug/l	99
31) Cyclohexane	7.807	56	101922	48.019	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	113188	49.490	ug/l	99
36) 1,1-Dichloropropene	7.941	75	98009	48.678	ug/l	99
37) Ethyl Acetate	7.094	43	43910	47.990	ug/l	98
38) Carbon Tetrachloride	7.923	117	96730	47.287	ug/l	99
39) Methylcyclohexane	9.203	83	110663	48.891	ug/l	99
40) Benzene	8.185	78	303876	50.312	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24842	51.552	ug/l	92
42) 1,2-Dichloroethane	8.258	62	81055	50.551	ug/l	99
43) Isopropyl Acetate	8.295	43	87621	50.007	ug/l	99
44) Trichloroethene	8.960	130	74996	48.798	ug/l	97
45) 1,2-Dichloropropane	9.240	63	78230	50.276	ug/l	96
46) Dibromomethane	9.325	93	39735	50.072	ug/l	98
47) Bromodichloromethane	9.514	83	107461	50.428	ug/l	96
48) Methyl methacrylate	9.313	41	48907	51.721	ug/l	97
49) 1,4-Dioxane	9.319	88	7745	942.587	ug/l	93
51) 4-Methyl-2-Pentanone	10.087	43	238997	256.481	ug/l	100
52) Toluene	10.264	92	185367	50.854	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	95579	50.074	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	117916	51.440	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	58125	50.136	ug/l	97
56) Ethyl methacrylate	10.526	69	51413	52.357	ug/l	98
57) 1,3-Dichloropropane	10.807	76	98154	50.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	158155	255.536	ug/l	99
59) 2-Hexanone	10.849	43	158944	231.651	ug/l	99
60) Dibromochloromethane	11.002	129	67143	50.221	ug/l	99
61) 1,2-Dibromoethane	11.105	107	50612	50.247	ug/l	100
64) Tetrachloroethene	10.740	164	58491	47.618	ug/l	98
65) Chlorobenzene	11.532	112	194030	49.160	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	72796	48.519	ug/l	99
67) Ethyl Benzene	11.612	91	355341	50.007	ug/l	100
68) m/p-Xylenes	11.721	106	262440	100.619	ug/l	99
69) o-Xylene	12.050	106	123919	50.679	ug/l	100
70) Styrene	12.063	104	184498	51.844	ug/l	99
71) Bromoform	12.227	173	36283	49.123	ug/l #	99
73) Isopropylbenzene	12.349	105	333954	49.452	ug/l	100
74) N-amyl acetate	12.160	43	66335	48.891	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	64866	47.142	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	45213m	50.382	ug/l	
77) Bromobenzene	12.624	156	71494	48.085	ug/l	98
78) n-propylbenzene	12.691	91	404876	49.316	ug/l	99
79) 2-Chlorotoluene	12.776	91	224272	49.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	270064	50.565	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	18224	46.113	ug/l	99
82) 4-Chlorotoluene	12.873	91	231129	49.694	ug/l	99
83) tert-Butylbenzene	13.093	119	234328	49.813	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	266622	50.691	ug/l	99
85) sec-Butylbenzene	13.270	105	343313	49.254	ug/l	99
86) p-Isopropyltoluene	13.386	119	282770	49.155	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	138916	47.639	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	135288	47.435	ug/l	99
89) n-Butylbenzene	13.715	91	271715	49.126	ug/l	99
90) Hexachloroethane	13.983	117	58219	47.098	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	121812	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7989	46.301	ug/l	96
93) 1,2,4-Trichlorobenzene	15.026	180	58826	47.010	ug/l	99
94) Hexachlorobutadiene	15.129	225	34954	44.589	ug/l	98
95) Naphthalene	15.257	128	106971	47.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	49415	46.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

