

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018263.D
 Acq On : 14 May 2024 17:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Quant Time: May 15 04:17:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	189997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70434	50.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	100.780%		
35) Dibromofluoromethane	7.710	113	76965	43.945	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.900%		
50) Toluene-d8	10.179	98	305391	44.249	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.500%		
62) 4-Bromofluorobenzene	12.477	95	96176	43.151	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62132	41.235	ug/l	98
3) Chloromethane	2.107	50	96313	47.751	ug/l	97
4) Vinyl Chloride	2.241	62	110882	45.350	ug/l	98
5) Bromomethane	2.644	94	78729	46.364	ug/l	98
6) Chloroethane	2.784	64	72755	46.886	ug/l	100
7) Trichlorofluoromethane	3.119	101	120956	42.234	ug/l	95
8) Diethyl Ether	3.521	74	43660	46.309	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	76498	41.911	ug/l	99
10) Methyl Iodide	4.076	142	88217	41.389	ug/l	99
11) Tert butyl alcohol	4.942	59	36681	300.997	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	77333	42.087	ug/l	96
13) Acrolein	3.717	56	40014	293.746	ug/l	98
14) Allyl chloride	4.466	41	105593	45.173	ug/l	98
15) Acrylonitrile	5.155	53	93747	258.567	ug/l	99
16) Acetone	3.936	43	67262	241.139	ug/l	92
17) Carbon Disulfide	4.186	76	215884	43.158	ug/l	99
18) Methyl Acetate	4.460	43	38277	48.173	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	192835	47.113	ug/l	97
20) Methylene Chloride	4.704	84	99969	50.706	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	83996	43.125	ug/l	96
22) Diisopropyl ether	6.112	45	225348	45.446	ug/l	97
23) Vinyl Acetate	6.045	43	729473	242.042	ug/l	99
24) 1,1-Dichloroethane	6.009	63	136813	44.797	ug/l	97
25) 2-Butanone	6.978	43	108441	243.209	ug/l	95
26) 2,2-Dichloropropane	6.972	77	113929	41.216	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	102293	44.441	ug/l	96
28) Bromochloromethane	7.326	49	62175	50.934	ug/l	100
29) Tetrahydrofuran	7.338	42	74008	251.456	ug/l	94
30) Chloroform	7.502	83	143618	45.045	ug/l	98
31) Cyclohexane	7.777	56	116688	42.595	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	121834	42.633	ug/l	99
36) 1,1-Dichloropropene	7.911	75	102123	40.675	ug/l	99
37) Ethyl Acetate	7.063	43	50941	48.206	ug/l	97
38) Carbon Tetrachloride	7.893	117	109539	39.928	ug/l	96
39) Methylcyclohexane	9.179	83	139865	38.614	ug/l	99
40) Benzene	8.155	78	337140	41.745	ug/l	97

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41) Methacrylonitrile	7.301	41	27262m	44.675	ug/l	
42) 1,2-Dichloroethane	8.234	62	78638	44.752	ug/l	97
43) Isopropyl Acetate	8.271	43	99914	46.127	ug/l	95
44) Trichloroethene	8.935	130	87971	40.014	ug/l	100
45) 1,2-Dichloropropane	9.209	63	73726	41.756	ug/l	100
46) Dibromomethane	9.301	93	44639	43.978	ug/l	97
47) Bromodichloromethane	9.490	83	107868	42.987	ug/l	100
48) Methyl methacrylate	9.289	41	44980	45.309	ug/l	90
49) 1,4-Dioxane	9.295	88	12363	917.594	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	263444	241.987	ug/l	94
52) Toluene	10.240	92	216902	41.718	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	99191	42.319	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	121980	42.574	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	60418	43.330	ug/l	97
56) Ethyl methacrylate	10.508	69	85548	45.174	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	100525	44.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	261595	289.288	ug/l	97
59) 2-Hexanone	10.831	43	177165	232.742	ug/l	94
60) Dibromochloromethane	10.984	129	75767	41.881	ug/l	98
61) 1,2-Dibromoethane	11.087	107	57538	43.810	ug/l	99
64) Tetrachloroethene	10.715	164	74809	38.134	ug/l	94
65) Chlorobenzene	11.514	112	235680	39.275	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	76164	39.238	ug/l	99
67) Ethyl Benzene	11.593	91	401557	39.632	ug/l	95
68) m/p-Xylenes	11.703	106	312367	77.961	ug/l	98
69) o-Xylene	12.026	106	150078	39.031	ug/l	98
70) Styrene	12.044	104	255012	39.713	ug/l	98
71) Bromoform	12.203	173	43208	40.231	ug/l #	97
73) Isopropylbenzene	12.325	105	379061	38.394	ug/l	97
74) N-amyl acetate	12.142	43	89817	43.824	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	66959	42.515	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44861m	42.561	ug/l	
77) Bromobenzene	12.605	156	89307	39.375	ug/l	96
78) n-propylbenzene	12.672	91	445553	38.799	ug/l	98
79) 2-Chlorotoluene	12.758	91	246653	38.652	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	303093	38.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	22125	40.442	ug/l	96
82) 4-Chlorotoluene	12.855	91	250377	39.060	ug/l	97
83) tert-Butylbenzene	13.075	119	281103	39.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	303540	39.803	ug/l	100
85) sec-Butylbenzene	13.251	105	407656	38.702	ug/l	98
86) p-Isopropyltoluene	13.367	119	333854	38.528	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	170865	39.008	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	167512	39.229	ug/l	98
89) n-Butylbenzene	13.696	91	303986	38.764	ug/l	98
90) Hexachloroethane	13.959	117	64006	37.651	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	151218	40.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9118	42.518	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	83130	39.276	ug/l	97
94) Hexachlorobutadiene	15.111	225	45415	38.889	ug/l	99
95) Naphthalene	15.233	128	168991	43.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	72318	41.635	ug/l	99

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

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