

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018859.D
 Acq On : 18 Jul 2024 10:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 19 01:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	109526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51449	47.737	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.710	113	51326	48.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.680%		
50) Toluene-d8	10.179	98	184845	46.427	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.483	95	63200	46.482	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43442	47.335	ug/l	98
3) Chloromethane	2.107	50	64869	46.513	ug/l	94
4) Vinyl Chloride	2.241	62	77822	47.701	ug/l	98
5) Bromomethane	2.643	94	54566	48.624	ug/l	97
6) Chloroethane	2.784	64	52436	49.472	ug/l	97
7) Trichlorofluoromethane	3.107	101	105182	49.338	ug/l	99
8) Diethyl Ether	3.521	74	25910	49.865	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	53810	49.195	ug/l	95
10) Methyl Iodide	4.076	142	59032	50.118	ug/l	93
11) Tert butyl alcohol	4.936	59	20516	187.914	ug/l #	76
12) 1,1-Dichloroethene	3.857	96	50466	47.692	ug/l	90
13) Acrolein	3.716	56	14050	160.623	ug/l	97
14) Allyl chloride	4.466	41	66915	51.044	ug/l	92
15) Acrylonitrile	5.149	53	54254	264.675	ug/l	98
16) Acetone	3.930	43	60758	305.781	ug/l #	85
17) Carbon Disulfide	4.180	76	140650	47.469	ug/l	99
18) Methyl Acetate	4.460	43	29527	51.143	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	129293	52.672	ug/l	92
20) Methylene Chloride	4.698	84	60695	54.372	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	54463	48.766	ug/l	95
22) Diisopropyl ether	6.112	45	144453	50.657	ug/l	96
23) Vinyl Acetate	6.045	43	594598	264.671	ug/l	96
24) 1,1-Dichloroethane	6.003	63	89958	49.410	ug/l	98
25) 2-Butanone	6.972	43	78944	283.442	ug/l	92
26) 2,2-Dichloropropane	6.972	77	85537	50.634	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	64088	49.289	ug/l	97
28) Bromochloromethane	7.325	49	36744	50.248	ug/l	99
29) Tetrahydrofuran	7.338	42	44554	260.933	ug/l	95
30) Chloroform	7.496	83	104036	51.272	ug/l	97
31) Cyclohexane	7.777	56	75452	45.569	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	96186	50.977	ug/l	98
36) 1,1-Dichloropropene	7.905	75	71674	49.421	ug/l	99
37) Ethyl Acetate	7.063	43	32686	54.221	ug/l	97
38) Carbon Tetrachloride	7.892	117	90081	51.571	ug/l	97
39) Methylcyclohexane	9.179	83	93610	50.367	ug/l	98
40) Benzene	8.149	78	216422	51.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	15465	44.997	ug/l	95
42) 1,2-Dichloroethane	8.228	62	60751	51.575	ug/l	97
43) Isopropyl Acetate	8.270	43	62214	51.866	ug/l	95
44) Trichloroethene	8.935	130	61785	51.376	ug/l	99
45) 1,2-Dichloropropane	9.209	63	46872	51.162	ug/l	99
46) Dibromomethane	9.301	93	31712	53.402	ug/l	99
47) Bromodichloromethane	9.490	83	79673	53.706	ug/l	98
48) Methyl methacrylate	9.289	41	30088	55.185	ug/l #	84
49) 1,4-Dioxane	9.289	88	7527	1081.295	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	166139	271.282	ug/l	95
52) Toluene	10.240	92	140713	50.321	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	69302	54.106	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	80675	53.688	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	39755	52.867	ug/l	98
56) Ethyl methacrylate	10.508	69	54775	55.327	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	66135	53.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	124537	263.297	ug/l	93
59) 2-Hexanone	10.831	43	121429	283.416	ug/l	92
60) Dibromochloromethane	10.977	129	56997	55.164	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38995	53.340	ug/l	100
64) Tetrachloroethene	10.715	164	63496	53.362	ug/l	94
65) Chlorobenzene	11.514	112	159896	51.561	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	57201	53.536	ug/l	96
67) Ethyl Benzene	11.593	91	275969	50.798	ug/l	94
68) m/p-Xylenes	11.703	106	218121	102.315	ug/l	98
69) o-Xylene	12.026	106	104231	52.005	ug/l	100
70) Styrene	12.044	104	170874	51.095	ug/l	97
71) Bromoform	12.209	173	32345	55.538	ug/l #	98
73) Isopropylbenzene	12.325	105	272592	51.117	ug/l	99
74) N-amyl acetate	12.142	43	59527	54.583	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	42781	50.889	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	33556m	58.800	ug/l	
77) Bromobenzene	12.611	156	66358	52.124	ug/l	92
78) n-propylbenzene	12.672	91	321067	50.700	ug/l	97
79) 2-Chlorotoluene	12.757	91	181430	50.952	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	219571	50.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	14091	55.261	ug/l	87
82) 4-Chlorotoluene	12.855	91	184746	50.386	ug/l	96
83) tert-Butylbenzene	13.074	119	206744	51.323	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	217590	50.184	ug/l	99
85) sec-Butylbenzene	13.251	105	298118	52.138	ug/l	97
86) p-Isopropyltoluene	13.367	119	253777	51.411	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	128257	51.295	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125214	50.527	ug/l	98
89) n-Butylbenzene	13.696	91	229180	51.212	ug/l	98
90) Hexachloroethane	13.958	117	47292	51.516	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	112104	51.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6910	50.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	70180	53.228	ug/l	98
94) Hexachlorobutadiene	15.111	225	40060	52.713	ug/l	99
95) Naphthalene	15.233	128	123147	54.446	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61072	54.137	ug/l	97

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

