

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018605.D
 Acq On : 17 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/18/2024
 Supervised By :Semsettin Yesilyurt 06/18/2024

Quant Time: Jun 18 01:20:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	146076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	246968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	219019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	84102	57.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.380%			
35) Dibromofluoromethane	7.704	113	85539	56.778	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.560%			
50) Toluene-d8	10.173	98	339936	58.674	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.340%			
62) 4-Bromofluorobenzene	12.477	95	110319	60.301	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 120.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	52087	54.139	ug/l	93
3) Chloromethane	2.101	50	100412	50.675	ug/l	98
4) Vinyl Chloride	2.241	62	123824	50.460	ug/l	96
5) Bromomethane	2.638	94	82483	45.222	ug/l	98
6) Chloroethane	2.778	64	78348	48.739	ug/l	97
7) Trichlorofluoromethane	3.101	101	138553	52.433	ug/l	98
8) Diethyl Ether	3.515	74	37593	49.894	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.875	101	73449	53.198	ug/l	96
10) Methyl Iodide	4.076	142	77522	46.487	ug/l	98
11) Tert butyl alcohol	4.930	59	30583	115.609	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	70296	50.663	ug/l	95
13) Acrolein	3.717	56	20564	241.794	ug/l	99
14) Allyl chloride	4.460	41	98804	52.821	ug/l	97
15) Acrylonitrile	5.143	53	80950	241.511	ug/l	98
16) Acetone	3.930	43	87558	292.628	ug/l	87
17) Carbon Disulfide	4.174	76	205595	48.909	ug/l	97
18) Methyl Acetate	4.460	43	40537	53.412	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	176435	47.669	ug/l	98
20) Methylene Chloride	4.692	84	100704	55.618	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	77949	49.351	ug/l	98
22) Diisopropyl ether	6.106	45	215656	51.069	ug/l	97
23) Vinyl Acetate	6.045	43	874510	223.383	ug/l	97
24) 1,1-Dichloroethane	6.003	63	136360	50.122	ug/l	99
25) 2-Butanone	6.972	43	113422	252.888	ug/l	92
26) 2,2-Dichloropropane	6.966	77	116016	50.616	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	92094	48.272	ug/l	95
28) Bromochloromethane	7.320	49	61171	54.858	ug/l	89
29) Tetrahydrofuran	7.338	42	68560	249.092	ug/l	92
30) Chloroform	7.496	83	141784	47.821	ug/l	99
31) Cyclohexane	7.771	56	117654	52.226	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	123068	48.860	ug/l	95
36) 1,1-Dichloropropene	7.905	75	103315	49.821	ug/l	98
37) Ethyl Acetate	7.064	43	48611	49.727	ug/l	97
38) Carbon Tetrachloride	7.887	117	108001	49.642	ug/l	97
39) Methylcyclohexane	9.173	83	136010	53.528	ug/l	95
40) Benzene	8.149	78	316813	49.399	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	27542	56.018	ug/l #	64
42) 1,2-Dichloroethane	8.228	62	79056	47.250	ug/l	98
43) Isopropyl Acetate	8.265	43	93390	51.185	ug/l	93
44) Trichloroethene	8.929	130	79873	47.570	ug/l	94
45) 1,2-Dichloropropane	9.210	63	73981	50.449	ug/l	97
46) Dibromomethane	9.301	93	42250	46.433	ug/l	95
47) Bromodichloromethane	9.490	83	107842	49.657	ug/l	99
48) Methyl methacrylate	9.289	41	42052	51.195	ug/l	92
49) 1,4-Dioxane	9.295	88	11004	919.525	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	236203	245.771	ug/l	97
52) Toluene	10.240	92	205147	49.822	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	99924	52.651	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	116291	50.776	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	56400	46.602	ug/l	97
56) Ethyl methacrylate	10.502	69	79801	50.389	ug/l	92
57) 1,3-Dichloropropane	10.782	76	96320	47.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	161715	211.518	ug/l	99
59) 2-Hexanone	10.825	43	172938	256.891	ug/l	96
60) Dibromochloromethane	10.977	129	74653	49.655	ug/l	96
61) 1,2-Dibromoethane	11.081	107	54089	48.358	ug/l	100
64) Tetrachloroethene	10.715	164	75100	48.075	ug/l	98
65) Chlorobenzene	11.514	112	224058	49.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	75183	49.586	ug/l	98
67) Ethyl Benzene	11.587	91	401542	51.148	ug/l	98
68) m/p-Xylenes	11.697	106	309344	101.265	ug/l	98
69) o-Xylene	12.026	106	147316	50.149	ug/l	100
70) Styrene	12.038	104	250075	51.531	ug/l	98
71) Bromoform	12.203	173	41474	49.851	ug/l #	97
73) Isopropylbenzene	12.325	105	388125	48.436	ug/l	100
74) N-amyl acetate	12.142	43	85715	52.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	66902	47.021	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	41415m	40.234	ug/l	
77) Bromobenzene	12.605	156	86342	46.592	ug/l	97
78) n-propylbenzene	12.666	91	470299	50.150	ug/l	99
79) 2-Chlorotoluene	12.752	91	256903	48.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	319680	50.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	21879	55.675	ug/l	96
82) 4-Chlorotoluene	12.849	91	265017	49.715	ug/l	98
83) tert-Butylbenzene	13.069	119	284305	48.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	316699	49.893	ug/l	98
85) sec-Butylbenzene	13.251	105	432791	51.626	ug/l	99
86) p-Isopropyltoluene	13.367	119	360053	50.661	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	178080	47.643	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	172643	47.069	ug/l	99
89) n-Butylbenzene	13.690	91	341260	53.273	ug/l	100
90) Hexachloroethane	13.959	117	68046	52.705	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	152051	47.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9103	44.184	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	90016	50.602	ug/l	98
94) Hexachlorobutadiene	15.111	225	47163	51.600	ug/l	97
95) Naphthalene	15.233	128	166770	50.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	73812	49.109	ug/l	98

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

