

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018710.D
 Acq On : 26 Jun 2024 16:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/27/2024
 Supervised By :Semsettin Yesilyurt 06/27/2024

Quant Time: Jun 27 07:51:44 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	120485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	198294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	181426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	64539	53.205	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.400%			
35) Dibromofluoromethane	7.704	113	70402	58.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.400%			
50) Toluene-d8	10.173	98	261259	56.163	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.320%			
62) 4-Bromofluorobenzene	12.477	95	85638	58.300	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	29504	37.180	ug/l	100
3) Chloromethane	2.101	50	66523	40.703	ug/l	98
4) Vinyl Chloride	2.235	62	81114	40.076	ug/l	99
5) Bromomethane	2.631	94	59741	39.711	ug/l	97
6) Chloroethane	2.778	64	52615	39.683	ug/l	97
7) Trichlorofluoromethane	3.101	101	98933	45.392	ug/l	98
8) Diethyl Ether	3.509	74	28170	45.329	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.869	101	53722	47.174	ug/l	99
10) Methyl Iodide	4.070	142	58276	42.430	ug/l	100
11) Tert butyl alcohol	4.936	59	19429	89.045	ug/l #	91
12) 1,1-Dichloroethene	3.851	96	50537	44.159	ug/l	97
13) Acrolein	3.710	56	15568	221.931	ug/l	99
14) Allyl chloride	4.454	41	64606	41.874	ug/l	97
15) Acrylonitrile	5.137	53	60272	218.013	ug/l	99
16) Acetone	3.930	43	41150	166.738	ug/l	89
17) Carbon Disulfide	4.174	76	133040	38.849	ug/l	97
18) Methyl Acetate	4.454	43	29892	47.752	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	132833	43.512	ug/l	98
20) Methylene Chloride	4.692	84	72139	46.869	ug/l	95
21) trans-1,2-Dichloroethene	5.192	96	58120	44.612	ug/l	97
22) Diisopropyl ether	6.100	45	152049	43.654	ug/l	96
23) Vinyl Acetate	6.039	43	600109	186.668	ug/l	98
24) 1,1-Dichloroethane	5.997	63	98292	43.803	ug/l	99
25) 2-Butanone	6.966	43	70382	190.256	ug/l	95
26) 2,2-Dichloropropane	6.966	77	66977	35.427	ug/l	96
27) cis-1,2-Dichloroethene	6.966	96	72689	46.193	ug/l	94
28) Bromochloromethane	7.320	49	41166	44.759	ug/l	99
29) Tetrahydrofuran	7.332	42	48763	214.796	ug/l	98
30) Chloroform	7.490	83	109090	44.609	ug/l	99
31) Cyclohexane	7.771	56	74114	39.886	ug/l	90
32) 1,1,1-Trichloroethane	7.685	97	92513	44.530	ug/l	99
36) 1,1-Dichloropropene	7.905	75	73568	44.185	ug/l	99
37) Ethyl Acetate	7.057	43	33756	43.007	ug/l	97
38) Carbon Tetrachloride	7.887	117	82065	46.980	ug/l	98
39) Methylcyclohexane	9.173	83	93426	45.794	ug/l	98
40) Benzene	8.149	78	234268	45.495	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18212m	46.134	ug/l	
42) 1,2-Dichloroethane	8.222	62	60544	45.068	ug/l	100
43) Isopropyl Acetate	8.265	43	66297	45.255	ug/l #	85
44) Trichloroethene	8.929	130	64454	47.809	ug/l	96
45) 1,2-Dichloropropane	9.209	63	53465	45.408	ug/l	96
46) Dibromomethane	9.295	93	33700	46.127	ug/l	98
47) Bromodichloromethane	9.490	83	81652	46.826	ug/l	98
48) Methyl methacrylate	9.283	41	29193	44.264	ug/l	96
49) 1,4-Dioxane	9.289	88	8927	929.073	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	171556	222.322	ug/l	100
52) Toluene	10.234	92	154192	46.639	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	71436	46.880	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	84693	46.056	ug/l	96
55) 1,1,2-Trichloroethane	10.636	97	46683	48.041	ug/l	97
56) Ethyl methacrylate	10.502	69	60599	47.656	ug/l	97
57) 1,3-Dichloropropane	10.782	76	76889	47.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	161263	262.702	ug/l	96
59) 2-Hexanone	10.825	43	116584	215.689	ug/l	98
60) Dibromochloromethane	10.977	129	61246	50.737	ug/l	98
61) 1,2-Dibromoethane	11.081	107	43676	48.634	ug/l	98
64) Tetrachloroethene	10.715	164	65210	50.394	ug/l	97
65) Chlorobenzene	11.508	112	176069	46.978	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60592	48.244	ug/l	98
67) Ethyl Benzene	11.587	91	293643	45.155	ug/l	98
68) m/p-Xylenes	11.697	106	235414	93.032	ug/l	97
69) o-Xylene	12.026	106	113327	46.572	ug/l	98
70) Styrene	12.038	104	193760	48.199	ug/l	97
71) Bromoform	12.203	173	35578	51.625	ug/l #	95
73) Isopropylbenzene	12.325	105	290238	43.633	ug/l	98
74) N-amyl acetate	12.142	43	56924	41.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	51847	43.898	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	39630m	46.379	ug/l	
77) Bromobenzene	12.605	156	71647	46.575	ug/l	92
78) n-propylbenzene	12.666	91	337959	43.414	ug/l	98
79) 2-Chlorotoluene	12.752	91	187320	42.628	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	231171	43.851	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	14111	43.257	ug/l	94
82) 4-Chlorotoluene	12.849	91	185856	42.001	ug/l	93
83) tert-Butylbenzene	13.069	119	219796	45.048	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	224999	42.701	ug/l	98
85) sec-Butylbenzene	13.251	105	301977	43.395	ug/l	97
86) p-Isopropyltoluene	13.367	119	258306	43.784	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	140513	45.287	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	139070	45.676	ug/l	97
89) n-Butylbenzene	13.696	91	223294	41.992	ug/l	97
90) Hexachloroethane	13.959	117	49192	45.900	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	124017	46.790	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	7350	42.977	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	73772	49.958	ug/l	97
94) Hexachlorobutadiene	15.111	225	38833	51.182	ug/l	97
95) Naphthalene	15.233	128	140976	51.087	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	63815	51.147	ug/l	99

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

