

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017840.D
 Acq On : 04 Apr 2024 08:58
 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 :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 05 00:41:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.807	168	163167	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	254136	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	217163	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	98584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	71251	50.463	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.734	113	77868	53.025	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.060%			
50) Toluene-d8	10.197	98	293970	53.590	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.180%			
62) 4-Bromofluorobenzene	12.495	95	85344	51.136	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	53706	49.217	ug/l	99
3) Chloromethane	2.131	50	98500	46.250	ug/l	99
4) Vinyl Chloride	2.266	62	147783	53.096	ug/l	99
5) Bromomethane	2.668	94	126585	56.248	ug/l	100
6) Chloroethane	2.814	64	107938	59.438	ug/l	98
7) Trichlorofluoromethane	3.144	101	125378	46.192	ug/l	96
8) Diethyl Ether	3.552	74	32938	41.311	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	75343	46.286	ug/l	98
10) Methyl Iodide	4.119	142	87585	49.478	ug/l	98
11) Tert butyl alcohol	4.972	59	18166	169.558	ug/l #	91
12) 1,1-Dichloroethene	3.899	96	70561	46.323	ug/l	96
13) Acrolein	3.753	56	22874	231.235	ug/l	99
14) Allyl chloride	4.503	41	77874	41.672	ug/l	87
15) Acrylonitrile	5.180	53	65317	194.074	ug/l	99
16) Acetone	3.967	43	63216	216.597	ug/l	90
17) Carbon Disulfide	4.216	76	191110	44.335	ug/l	97
18) Methyl Acetate	4.497	43	23841	36.879	ug/l	95
19) Methyl tert-butyl Ether	5.247	73	154012	44.159	ug/l	99
20) Methylene Chloride	4.741	84	77082	42.712	ug/l	95
21) trans-1,2-Dichloroethene	5.247	96	77291	47.418	ug/l	98
22) Diisopropyl ether	6.137	45	188087	43.546	ug/l	92
23) Vinyl Acetate	6.082	43	565609	214.480	ug/l	99
24) 1,1-Dichloroethane	6.045	63	133856	46.693	ug/l	98
25) 2-Butanone	7.009	43	83443	200.693	ug/l	99
26) 2,2-Dichloropropane	7.003	77	118955	48.042	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	90886	47.180	ug/l	97
28) Bromochloromethane	7.356	49	51581	44.245	ug/l	98
29) Tetrahydrofuran	7.368	42	45615	182.842	ug/l	97
30) Chloroform	7.527	83	144286	48.509	ug/l	98
31) Cyclohexane	7.807	56	106140	42.672	ug/l	100
32) 1,1,1-Trichloroethane	7.722	97	125336	49.509	ug/l	97
36) 1,1-Dichloropropene	7.935	75	101866	47.542	ug/l	98
37) Ethyl Acetate	7.094	43	36087	39.027	ug/l	97
38) Carbon Tetrachloride	7.917	117	110691	49.763	ug/l	97
39) Methylcyclohexane	9.203	83	126912	47.418	ug/l	98
40) Benzene	8.179	78	311720	47.207	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	22562m	43.717	ug/l	
42) 1,2-Dichloroethane	8.258	62	76222	46.898	ug/l	97
43) Isopropyl Acetate	8.289	43	69677	41.523	ug/l	97
44) Trichloroethene	8.960	130	80100	46.624	ug/l	94
45) 1,2-Dichloropropane	9.234	63	69514	45.304	ug/l	99
46) Dibromomethane	9.325	93	40566	46.534	ug/l	97
47) Bromodichloromethane	9.514	83	105967	48.108	ug/l	96
48) Methyl methacrylate	9.307	41	30462	43.704	ug/l #	92
49) 1,4-Dioxane	9.319	88	7953	812.670	ug/l #	95
51) 4-Methyl-2-Pentanone	10.087	43	178874	219.581	ug/l	99
52) Toluene	10.258	92	195679	48.855	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	90879	46.467	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	111635	46.768	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	52239	44.973	ug/l	98
56) Ethyl methacrylate	10.526	69	64544	45.976	ug/l #	93
57) 1,3-Dichloropropane	10.807	76	88176	44.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	182320	252.511	ug/l	99
59) 2-Hexanone	10.849	43	128386	221.558	ug/l	99
60) Dibromochloromethane	11.002	129	66879	45.650	ug/l	99
61) 1,2-Dibromoethane	11.105	107	46935	44.313	ug/l	100
64) Tetrachloroethene	10.734	164	88368	46.654	ug/l	99
65) Chlorobenzene	11.532	112	210126	47.169	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	72469	47.910	ug/l	99
67) Ethyl Benzene	11.611	91	378749	49.458	ug/l	98
68) m/p-Xylenes	11.721	106	287916	99.136	ug/l	98
69) o-Xylene	12.044	106	134324	54.900	ug/l	100
70) Styrene	12.063	104	227740	54.152	ug/l	99
71) Bromoform	12.227	173	36435	43.456	ug/l #	98
73) Isopropylbenzene	12.349	105	355942	51.520	ug/l	99
74) N-amyl acetate	12.160	43	57843	45.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	52357	43.810	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	44560m	49.602	ug/l	
77) Bromobenzene	12.630	156	77517	47.111	ug/l	98
78) n-propylbenzene	12.691	91	431238	51.155	ug/l	99
79) 2-Chlorotoluene	12.776	91	226669	49.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	274453	50.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	17663	46.395	ug/l	96
82) 4-Chlorotoluene	12.873	91	229324	47.962	ug/l	98
83) tert-Butylbenzene	13.093	119	254088	51.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	270893	50.446	ug/l	99
85) sec-Butylbenzene	13.270	105	384067	52.201	ug/l	99
86) p-Isopropyltoluene	13.386	119	318273	51.753	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	158301	48.484	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	150940	48.300	ug/l	98
89) n-Butylbenzene	13.715	91	297170	52.521	ug/l	98
90) Hexachloroethane	13.977	117	62205	50.867	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	128775	47.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6542	40.509	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	69671	47.000	ug/l	97
94) Hexachlorobutadiene	15.129	225	43364	48.256	ug/l	98
95) Naphthalene	15.257	128	107643	45.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	55898	44.641	ug/l	99

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

