

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017687.D
 Acq On : 18 Mar 2024 14:21
 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 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:07:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	165845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67609	43.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.020%		
35) Dibromofluoromethane	7.722	113	80146	44.707	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.420%		
50) Toluene-d8	10.185	98	298931	47.692	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.489	95	94522	47.985	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57453	46.963	ug/l	100
3) Chloromethane	2.113	50	104210	46.621	ug/l	98
4) Vinyl Chloride	2.253	62	139341	48.591	ug/l	98
5) Bromomethane	2.656	94	111761	47.825	ug/l	98
6) Chloroethane	2.796	64	91087	50.352	ug/l	98
7) Trichlorofluoromethane	3.125	101	135737	46.443	ug/l	96
8) Diethyl Ether	3.534	74	42580	49.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	83662	49.767	ug/l	100
10) Methyl Iodide	4.095	142	103971	55.110	ug/l	99
11) Tert butyl alcohol	4.960	59	35847	268.494	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	79916	51.010	ug/l	97
13) Acrolein	3.735	56	38852	220.544	ug/l	99
14) Allyl chloride	4.485	41	96577	51.018	ug/l	96
15) Acrylonitrile	5.168	53	86156	244.497	ug/l	100
16) Acetone	3.948	43	78368	257.063	ug/l	99
17) Carbon Disulfide	4.198	76	244020	51.892	ug/l	98
18) Methyl Acetate	4.479	43	38100	51.514	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	184905	50.637	ug/l	98
20) Methylene Chloride	4.716	84	91911	51.477	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	93313	50.870	ug/l	99
22) Diisopropyl ether	6.125	45	223077	51.068	ug/l	97
23) Vinyl Acetate	6.064	43	667451	256.414	ug/l	99
24) 1,1-Dichloroethane	6.021	63	149439	50.074	ug/l	99
25) 2-Butanone	6.990	43	107994	248.569	ug/l	97
26) 2,2-Dichloropropane	6.984	77	129817	51.738	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	104617	50.795	ug/l	99
28) Bromochloromethane	7.338	49	59401	50.540	ug/l	94
29) Tetrahydrofuran	7.356	42	64903	247.819	ug/l	98
30) Chloroform	7.509	83	159355	50.154	ug/l	100
31) Cyclohexane	7.789	56	130203	50.902	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	139840	50.694	ug/l	98
36) 1,1-Dichloropropene	7.923	75	123582	51.094	ug/l	99
37) Ethyl Acetate	7.076	43	46156	48.315	ug/l #	97
38) Carbon Tetrachloride	7.905	117	126206	52.063	ug/l	99
39) Methylcyclohexane	9.191	83	157758	54.272	ug/l	99
40) Benzene	8.167	78	364653	50.766	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23254m	48.508	ug/l	
42) 1,2-Dichloroethane	8.240	62	87334	49.833	ug/l	99
43) Isopropyl Acetate	8.277	43	83817	49.929	ug/l	98
44) Trichloroethene	8.947	130	103305	49.897	ug/l	98
45) 1,2-Dichloropropane	9.222	63	85111	49.803	ug/l	97
46) Dibromomethane	9.313	93	48875	49.973	ug/l	96
47) Bromodichloromethane	9.502	83	119427	50.291	ug/l	99
48) Methyl methacrylate	9.301	41	39507	50.843	ug/l	97
49) 1,4-Dioxane	9.307	88	10840	979.354	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	234070	250.181	ug/l	98
52) Toluene	10.252	92	233433	51.551	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	113023	51.277	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	138120	51.571	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	68328	49.206	ug/l	98
56) Ethyl methacrylate	10.514	69	81162	47.636	ug/l	99
57) 1,3-Dichloropropane	10.795	76	112534	49.844	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	202229	252.375	ug/l	99
59) 2-Hexanone	10.837	43	167419	260.515	ug/l	98
60) Dibromochloromethane	10.990	129	83239	50.671	ug/l	99
61) 1,2-Dibromoethane	11.093	107	64621	50.498	ug/l	100
64) Tetrachloroethene	10.727	164	103655	48.106	ug/l	99
65) Chlorobenzene	11.520	112	245083	51.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92344	51.729	ug/l	98
67) Ethyl Benzene	11.599	91	444250	53.161	ug/l	98
68) m/p-Xylenes	11.709	106	354033	107.816	ug/l	98
69) o-Xylene	12.038	106	164797	54.096	ug/l	98
70) Styrene	12.050	104	272542	53.897	ug/l	98
71) Bromoform	12.215	173	51879	52.444	ug/l #	99
73) Isopropylbenzene	12.337	105	432041	53.977	ug/l	100
74) N-amyl acetate	12.148	43	73624	52.152	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	73647	53.581	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	54348m	53.091	ug/l	
77) Bromobenzene	12.617	156	99243	51.199	ug/l	97
78) n-propylbenzene	12.678	91	522467	54.399	ug/l	99
79) 2-Chlorotoluene	12.764	91	279957	52.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	348942	54.414	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	23804	53.431	ug/l	96
82) 4-Chlorotoluene	12.861	91	289634	52.662	ug/l	97
83) tert-Butylbenzene	13.081	119	304639	54.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	343010	54.180	ug/l	100
85) sec-Butylbenzene	13.258	105	469282	54.508	ug/l	100
86) p-Isopropyltoluene	13.373	119	389365	55.247	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	199614	51.305	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	195182	51.600	ug/l	98
89) n-Butylbenzene	13.703	91	354182	55.082	ug/l	99
90) Hexachloroethane	13.965	117	73463	51.993	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	171676	52.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9413	48.714	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	92502	53.213	ug/l	98
94) Hexachlorobutadiene	15.117	225	55711	51.909	ug/l	99
95) Naphthalene	15.245	128	157547	47.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78078	52.357	ug/l	99

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

