

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017509.D
 Acq On : 27 Feb 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2024
 Supervised By : Mahesh Dadoda 02/28/2024

Quant Time: Feb 28 00:22:14 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	142557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67317	49.825	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.722	113	79614	51.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.800%		
50) Toluene-d8	10.185	98	300885	56.099	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	112.200%		
62) 4-Bromofluorobenzene	12.483	95	92072	54.623	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	109.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49678	47.241	ug/l	96
3) Chloromethane	2.113	50	85580	44.541	ug/l	97
4) Vinyl Chloride	2.247	62	111526	45.245	ug/l	100
5) Bromomethane	2.650	94	99490	49.529	ug/l	98
6) Chloroethane	2.796	64	73880	47.512	ug/l	99
7) Trichlorofluoromethane	3.119	101	121429	48.335	ug/l	97
8) Diethyl Ether	3.527	74	37839	51.353	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	73058	50.558	ug/l	99
10) Methyl Iodide	4.088	142	71570	44.133	ug/l	99
11) Tert butyl alcohol	4.948	59	22419	195.349	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	68696	51.011	ug/l	97
13) Acrolein	3.729	56	33689	222.477	ug/l	98
14) Allyl chloride	4.479	41	81159	49.877	ug/l	97
15) Acrylonitrile	5.161	53	77643	256.333	ug/l	99
16) Acetone	3.948	43	59729	227.930	ug/l	100
17) Carbon Disulfide	4.192	76	203735	50.403	ug/l	99
18) Methyl Acetate	4.479	43	35232	55.418	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	162594	51.801	ug/l	98
20) Methylene Chloride	4.722	84	86302	56.800	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	81447	51.654	ug/l	97
22) Diisopropyl ether	6.125	45	196737	52.395	ug/l	98
23) Vinyl Acetate	6.064	43	575027	256.995	ug/l	100
24) 1,1-Dichloroethane	6.021	63	131469	51.249	ug/l	99
25) 2-Butanone	6.990	43	91595	245.264	ug/l	99
26) 2,2-Dichloropropane	6.984	77	102216	47.393	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	93973	53.081	ug/l	96
28) Bromochloromethane	7.338	49	53086	52.545	ug/l	94
29) Tetrahydrofuran	7.350	42	59314	263.476	ug/l	99
30) Chloroform	7.508	83	143514	52.547	ug/l	99
31) Cyclohexane	7.789	56	106534	48.453	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	123551	52.106	ug/l	98
36) 1,1-Dichloropropene	7.923	75	108061	52.211	ug/l	100
37) Ethyl Acetate	7.076	43	41193	50.392	ug/l	98
38) Carbon Tetrachloride	7.905	117	110431	53.238	ug/l	100
39) Methylcyclohexane	9.191	83	129993	52.262	ug/l	99
40) Benzene	8.167	78	327286	53.248	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21291m	51.903	ug/l	
42) 1,2-Dichloroethane	8.240	62	77316	51.556	ug/l	98
43) Isopropyl Acetate	8.277	43	74468	51.841	ug/l	99
44) Trichloroethene	8.947	130	92367	52.138	ug/l	97
45) 1,2-Dichloropropane	9.222	63	76154	52.077	ug/l	100
46) Dibromomethane	9.307	93	44008	52.585	ug/l	95
47) Bromodichloromethane	9.502	83	108227	53.260	ug/l	98
48) Methyl methacrylate	9.295	41	35510	53.405	ug/l	95
49) 1,4-Dioxane	9.301	88	9813	1036.079	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	213569	266.763	ug/l	99
52) Toluene	10.246	92	205970	53.156	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	97133	51.499	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	118756	51.818	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	62924	52.956	ug/l	96
56) Ethyl methacrylate	10.514	69	73027	49.959	ug/l	97
57) 1,3-Dichloropropane	10.794	76	101191	52.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	186490	271.981	ug/l	98
59) 2-Hexanone	10.837	43	145107	263.874	ug/l	97
60) Dibromochloromethane	10.990	129	76176	54.191	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58257	53.202	ug/l	98
64) Tetrachloroethene	10.727	164	96856	52.125	ug/l	99
65) Chlorobenzene	11.520	112	218984	53.292	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	84150	54.664	ug/l	99
67) Ethyl Benzene	11.599	91	393556	54.612	ug/l	97
68) m/p-Xylenes	11.709	106	312057	110.202	ug/l	98
69) o-Xylene	12.032	106	146564	55.790	ug/l	96
70) Styrene	12.050	104	242214	55.545	ug/l	98
71) Bromoform	12.209	173	47679	55.891	ug/l #	98
73) Isopropylbenzene	12.331	105	378732	55.120	ug/l	100
74) N-amyl acetate	12.148	43	66466	54.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	66485	56.348	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	44209m	50.309	ug/l	
77) Bromobenzene	12.611	156	90688	54.501	ug/l	95
78) n-propylbenzene	12.672	91	450801	54.679	ug/l	98
79) 2-Chlorotoluene	12.758	91	248420	53.818	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	304114	55.245	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19706	51.528	ug/l	96
82) 4-Chlorotoluene	12.855	91	250498	53.058	ug/l	97
83) tert-Butylbenzene	13.075	119	272180	56.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	298659	54.955	ug/l	100
85) sec-Butylbenzene	13.257	105	408220	55.236	ug/l	99
86) p-Isopropyltoluene	13.373	119	332190	54.908	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	178135	53.335	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	172704	53.188	ug/l	99
89) n-Butylbenzene	13.696	91	297155	53.835	ug/l	99
90) Hexachloroethane	13.965	117	65341	53.872	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	154967	54.854	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8778	52.920	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	79909	53.550	ug/l	100
94) Hexachlorobutadiene	15.111	225	48477	52.618	ug/l	99
95) Naphthalene	15.239	128	141802	49.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68532	53.535	ug/l	99

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

