

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017043.D
 Acq On : 19 Jan 2024 09:29
 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 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:16:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	147446	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.721	114	244196	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209734	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	92055	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68281	46.854	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.700%		
35) Dibromofluoromethane	7.752	113	74386	47.803	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.209	98	249127	46.492	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.980%		
62) 4-Bromofluorobenzene	12.507	95	87777	48.552	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	61769	56.422	ug/l	94
3) Chloromethane	2.131	50	94299	54.443	ug/l	99
4) Vinyl Chloride	2.271	62	111566	54.607	ug/l	99
5) Bromomethane	2.674	94	80158	54.766	ug/l	96
6) Chloroethane	2.820	64	71901	52.026	ug/l	99
7) Trichlorofluoromethane	3.155	101	125601	49.894	ug/l	100
8) Diethyl Ether	3.558	74	41955	52.151	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.936	101	78606	48.024	ug/l	99
10) Methyl Iodide	4.125	142	78930	56.683	ug/l	99
11) Tert butyl alcohol	4.990	59	27326	258.945	ug/l	100
12) 1,1-Dichloroethene	3.905	96	73013	51.990	ug/l	98
13) Acrolein	3.759	56	30868	192.425	ug/l	98
14) Allyl chloride	4.521	41	111450	50.199	ug/l	98
15) Acrylonitrile	5.204	53	94645	251.516	ug/l	100
16) Acetone	3.978	43	110210	312.923	ug/l	97
17) Carbon Disulfide	4.228	76	221695	66.067	ug/l	99
18) Methyl Acetate	4.515	43	91915	58.871	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	184429	50.478	ug/l	98
20) Methylene Chloride	4.759	84	83652	43.234	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	86895	54.025	ug/l	99
22) Diisopropyl ether	6.155	45	251302	48.960	ug/l	99
23) Vinyl Acetate	6.100	43	580636	246.713	ug/l	99
24) 1,1-Dichloroethane	6.057	63	148120	48.022	ug/l	99
25) 2-Butanone	7.020	43	138674	280.011	ug/l	99
26) 2,2-Dichloropropane	7.020	77	124949	46.721	ug/l	100
27) cis-1,2-Dichloroethene	7.020	96	95541	50.673	ug/l	98
28) Bromochloromethane	7.368	49	64870	56.021	ug/l	97
29) Tetrahydrofuran	7.380	42	78515	266.196	ug/l	99
30) Chloroform	7.539	83	150364	47.306	ug/l	98
31) Cyclohexane	7.819	56	133008	53.178	ug/l	96
32) 1,1,1-Trichloroethane	7.734	97	130682	48.489	ug/l	100
36) 1,1-Dichloropropene	7.953	75	118742	52.360	ug/l	99
37) Ethyl Acetate	7.106	43	53156	51.579	ug/l	99
38) Carbon Tetrachloride	7.935	117	116844	50.712	ug/l	98
39) Methylcyclohexane	9.215	83	150394	58.991	ug/l	96
40) Benzene	8.191	78	345494	50.786	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	29395	54.157	ug/l	96
42) 1,2-Dichloroethane	8.270	62	90390	50.049	ug/l	100
43) Isopropyl Acetate	8.301	43	98072	49.693	ug/l	99
44) Trichloroethene	8.971	130	88309	51.014	ug/l	95
45) 1,2-Dichloropropane	9.246	63	84808	48.390	ug/l	97
46) Dibromomethane	9.331	93	45559	50.970	ug/l	100
47) Bromodichloromethane	9.526	83	114585	47.739	ug/l	98
48) Methyl methacrylate	9.319	41	57524	54.009	ug/l	99
49) 1,4-Dioxane	9.325	88	9926	1072.509	ug/l	100
51) 4-Methyl-2-Pentanone	10.093	43	276734	263.665	ug/l	100
52) Toluene	10.270	92	212655	51.796	ug/l	100
53) t-1,3-Dichloropropene	10.489	75	109483	50.924	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	130782	50.653	ug/l	98
55) 1,1,2-Trichloroethane	10.672	97	63747	48.818	ug/l	97
56) Ethyl methacrylate	10.538	69	60231	54.457	ug/l	100
57) 1,3-Dichloropropane	10.812	76	109808	50.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	171435	246.577	ug/l	100
59) 2-Hexanone	10.855	43	205494	265.898	ug/l	99
60) Dibromochloromethane	11.008	129	74289	49.332	ug/l	99
61) 1,2-Dibromoethane	11.117	107	59010	52.012	ug/l	99
64) Tetrachloroethene	10.745	164	70635	51.947	ug/l	96
65) Chlorobenzene	11.544	112	219192	50.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.617	131	80172	48.271	ug/l	98
67) Ethyl Benzene	11.617	91	404503	51.425	ug/l	99
68) m/p-Xylenes	11.727	106	305936	105.960	ug/l	99
69) o-Xylene	12.056	106	139989	51.718	ug/l	99
70) Styrene	12.068	104	205751	52.228	ug/l	99
71) Bromoform	12.233	173	41954	51.311	ug/l #	100
73) Isopropylbenzene	12.355	105	379205	50.445	ug/l	100
74) N-amyl acetate	12.166	43	77468	51.292	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	73862	48.223	ug/l	98
76) 1,2,3-Trichloropropane	12.660	75	50657m	50.710	ug/l	
77) Bromobenzene	12.635	156	82005	49.547	ug/l	99
78) n-propylbenzene	12.696	91	464435	50.820	ug/l	100
79) 2-Chlorotoluene	12.782	91	249766	49.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.836	105	302317	50.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.404	75	22016	50.045	ug/l	98
82) 4-Chlorotoluene	12.879	91	257675	49.770	ug/l	99
83) tert-Butylbenzene	13.099	119	263475	50.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.141	105	300836	51.382	ug/l	99
85) sec-Butylbenzene	13.275	105	390976	50.390	ug/l	99
86) p-Isopropyltoluene	13.391	119	329261	51.418	ug/l	99
87) 1,3-Dichlorobenzene	13.391	146	159513	49.142	ug/l	99
88) 1,4-Dichlorobenzene	13.470	146	155479	48.973	ug/l	99
89) n-Butylbenzene	13.720	91	317258	51.529	ug/l	99
90) Hexachloroethane	13.983	117	65417	47.541	ug/l	99
91) 1,2-Dichlorobenzene	13.763	146	136563	48.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8713	45.364	ug/l	93
93) 1,2,4-Trichlorobenzene	15.031	180	72838	52.290	ug/l	98
94) Hexachlorobutadiene	15.135	225	42263	48.432	ug/l	99
95) Naphthalene	15.263	128	136037	53.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	61319	51.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

