

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017150.D
 Acq On : 31 Jan 2024 10:19
 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 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

Quant Time: Jan 31 22:55:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	103925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	177801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	155605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60751	59.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.000%			
35) Dibromofluoromethane	7.734	113	61322	57.144	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.280%			
50) Toluene-d8	10.191	98	234281	57.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.600%			
62) 4-Bromofluorobenzene	12.489	95	74217	59.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	32681	42.570	ug/l	97
3) Chloromethane	2.125	50	65587	49.924	ug/l	97
4) Vinyl Chloride	2.260	62	84014	56.720	ug/l	99
5) Bromomethane	2.662	94	62813	56.654	ug/l	99
6) Chloroethane	2.808	64	58473	60.067	ug/l	99
7) Trichlorofluoromethane	3.137	101	87520	51.283	ug/l	99
8) Diethyl Ether	3.546	74	28241	47.164	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	54367	46.770	ug/l	97
10) Methyl Iodide	4.113	142	52098	47.176	ug/l	99
11) Tert butyl alcohol	4.979	59	18530	249.630	ug/l	97
12) 1,1-Dichloroethene	3.893	96	48125	45.227	ug/l	98
13) Acrolein	3.747	56	24987	205.764	ug/l	97
14) Allyl chloride	4.503	41	80204	49.868	ug/l	97
15) Acrylonitrile	5.186	53	66369	255.390	ug/l	100
16) Acetone	3.967	43	78640	298.060	ug/l	97
17) Carbon Disulfide	4.217	76	125129	39.016	ug/l	98
18) Methyl Acetate	4.497	43	57849	55.692	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	134104	51.646	ug/l	99
20) Methylene Chloride	4.741	84	59419	53.156	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	58908	47.862	ug/l	97
22) Diisopropyl ether	6.143	45	189387	53.346	ug/l	97
23) Vinyl Acetate	6.082	43	433480	251.715	ug/l	100
24) 1,1-Dichloroethane	6.039	63	110662	51.105	ug/l	100
25) 2-Butanone	7.009	43	99907	268.815	ug/l	98
26) 2,2-Dichloropropane	7.003	77	94576	51.137	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	69847	51.211	ug/l	98
28) Bromochloromethane	7.356	49	50102	58.118	ug/l	99
29) Tetrahydrofuran	7.368	42	53462	260.384	ug/l	100
30) Chloroform	7.521	83	114818	52.073	ug/l	99
31) Cyclohexane	7.801	56	88090	48.973	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	98173	51.923	ug/l	99
36) 1,1-Dichloropropene	7.935	75	84747	47.999	ug/l	99
37) Ethyl Acetate	7.094	43	37389	49.249	ug/l	98
38) Carbon Tetrachloride	7.917	117	84165	48.644	ug/l	98
39) Methylcyclohexane	9.197	83	98696	46.476	ug/l	99
40) Benzene	8.179	78	251964	49.139	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18754	46.189	ug/l	87
42) 1,2-Dichloroethane	8.252	62	68438	51.483	ug/l	100
43) Isopropyl Acetate	8.289	43	71862	50.704	ug/l	99
44) Trichloroethene	8.953	130	63713	48.446	ug/l	98
45) 1,2-Dichloropropane	9.228	63	65731	52.228	ug/l	100
46) Dibromomethane	9.319	93	33367	49.922	ug/l	98
47) Bromodichloromethane	9.508	83	89383	52.566	ug/l	97
48) Methyl methacrylate	9.307	41	41124	52.260	ug/l	98
49) 1,4-Dioxane	9.307	88	7344	1117.196	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	199440	264.537	ug/l	100
52) Toluene	10.252	92	159088	51.261	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	82980	53.420	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	99149	51.898	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	47760	51.127	ug/l	97
56) Ethyl methacrylate	10.520	69	43958	53.811	ug/l	99
57) 1,3-Dichloropropane	10.801	76	81128	51.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	174671	308.036	ug/l	99
59) 2-Hexanone	10.843	43	149301	259.576	ug/l	100
60) Dibromochloromethane	10.996	129	57387	52.877	ug/l	98
61) 1,2-Dibromoethane	11.099	107	43458	51.211	ug/l	98
64) Tetrachloroethene	10.734	164	51226	47.230	ug/l	99
65) Chlorobenzene	11.526	112	165754	50.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	62957	52.270	ug/l	100
67) Ethyl Benzene	11.605	91	307821	51.350	ug/l	99
68) m/p-Xylenes	11.709	106	231713	102.881	ug/l	99
69) o-Xylene	12.038	106	106687	52.148	ug/l	99
70) Styrene	12.050	104	160410	54.009	ug/l	98
71) Bromoform	12.215	173	31443	52.061	ug/l #	100
73) Isopropylbenzene	12.337	105	294806	50.557	ug/l	99
74) N-amyl acetate	12.154	43	60420	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	54124	48.676	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	42123m	48.926	ug/l	
77) Bromobenzene	12.617	156	62323	49.395	ug/l	100
78) n-propylbenzene	12.678	91	363665	51.852	ug/l	100
79) 2-Chlorotoluene	12.764	91	198611	51.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	240659	52.148	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	15928	47.895	ug/l	98
82) 4-Chlorotoluene	12.867	91	204116	51.173	ug/l	100
83) tert-Butylbenzene	13.081	119	210998	52.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	238957	52.097	ug/l	98
85) sec-Butylbenzene	13.264	105	311999	52.786	ug/l	100
86) p-Isopropyltoluene	13.380	119	261747	53.163	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	125734	50.474	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	122667	50.048	ug/l	99
89) n-Butylbenzene	13.703	91	255455	53.792	ug/l	100
90) Hexachloroethane	13.971	117	51889	50.565	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	107736	50.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7166	50.461	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	56029	50.400	ug/l	99
94) Hexachlorobutadiene	15.123	225	33132	49.520	ug/l	100
95) Naphthalene	15.245	128	105600	53.783	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	48116	52.024	ug/l	98

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

