

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017611.D
 Acq On : 07 Mar 2024 18:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/08/2024
 Supervised By :Semsettin Yesilyurt 03/08/2024

Quant Time: Mar 08 03:29:08 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	7.789	168	120009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55591	48.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.760%		
35) Dibromofluoromethane	7.716	113	63998	47.635	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.280%		
50) Toluene-d8	10.185	98	234092	49.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.660%		
62) 4-Bromofluorobenzene	12.489	95	73387	49.711	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42582	48.101	ug/l	97
3) Chloromethane	2.107	50	84382	52.169	ug/l	98
4) Vinyl Chloride	2.247	62	113346	54.623	ug/l	99
5) Bromomethane	2.643	94	97021	57.375	ug/l	95
6) Chloroethane	2.790	64	73921	56.470	ug/l	99
7) Trichlorofluoromethane	3.119	101	111715	52.823	ug/l	92
8) Diethyl Ether	3.527	74	35389	57.052	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	65183	53.584	ug/l	99
10) Methyl Iodide	4.088	142	70766	51.836	ug/l	99
11) Tert butyl alcohol	4.954	59	23054	238.625	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	62143	54.815	ug/l	97
13) Acrolein	3.729	56	20360	159.716	ug/l	98
14) Allyl chloride	4.479	41	76999	56.211	ug/l	98
15) Acrylonitrile	5.161	53	74504	292.184	ug/l	100
16) Acetone	3.948	43	58978	267.350	ug/l	99
17) Carbon Disulfide	4.192	76	188954	55.529	ug/l	98
18) Methyl Acetate	4.472	43	35725	66.751	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	151340	57.274	ug/l	98
20) Methylene Chloride	4.716	84	86873	69.122	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	72725	54.788	ug/l	99
22) Diisopropyl ether	6.118	45	184771	58.454	ug/l	97
23) Vinyl Acetate	6.057	43	547954	290.908	ug/l	100
24) 1,1-Dichloroethane	6.015	63	121333	56.185	ug/l	98
25) 2-Butanone	6.984	43	89138	283.530	ug/l	92
26) 2,2-Dichloropropane	6.978	77	94684	52.149	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	84067	56.407	ug/l	99
28) Bromochloromethane	7.338	49	44674	52.527	ug/l	98
29) Tetrahydrofuran	7.356	42	56263	296.880	ug/l	98
30) Chloroform	7.508	83	128217	55.766	ug/l	97
31) Cyclohexane	7.789	56	99846	53.943	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	109628	54.921	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97965	54.045	ug/l	99
37) Ethyl Acetate	7.069	43	40503	56.573	ug/l	97
38) Carbon Tetrachloride	7.899	117	96976	53.380	ug/l	96
39) Methylcyclohexane	9.185	83	119579	54.892	ug/l	94
40) Benzene	8.161	78	296819	55.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21991m	61.211	ug/l	
42) 1,2-Dichloroethane	8.240	62	71902	54.744	ug/l	98
43) Isopropyl Acetate	8.277	43	71781	57.055	ug/l	99
44) Trichloroethene	8.941	130	82291	53.037	ug/l	97
45) 1,2-Dichloropropane	9.222	63	71596	55.902	ug/l	99
46) Dibromomethane	9.307	93	40958	55.880	ug/l	99
47) Bromodichloromethane	9.496	83	98996	55.625	ug/l	99
48) Methyl methacrylate	9.295	41	34904	59.937	ug/l	98
49) 1,4-Dioxane	9.301	88	9117	1099.083	ug/l #	100
51) 4-Methyl-2-Pentanone	10.075	43	202530	288.845	ug/l	100
52) Toluene	10.246	92	186027	54.817	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	91494	55.388	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	110543	55.074	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	56422	54.217	ug/l	95
56) Ethyl methacrylate	10.514	69	67187	52.353	ug/l	99
57) 1,3-Dichloropropane	10.794	76	94637	55.932	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	169387	282.066	ug/l	99
59) 2-Hexanone	10.837	43	140026	290.740	ug/l	99
60) Dibromochloromethane	10.990	129	67366	54.719	ug/l	100
61) 1,2-Dibromoethane	11.093	107	52620	54.868	ug/l	99
64) Tetrachloroethene	10.721	164	84930	51.559	ug/l	98
65) Chlorobenzene	11.520	112	196370	53.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	74107	54.303	ug/l	99
67) Ethyl Benzene	11.599	91	352404	55.162	ug/l	98
68) m/p-Xylenes	11.709	106	276669	110.214	ug/l	100
69) o-Xylene	12.032	106	128827	55.317	ug/l	99
70) Styrene	12.050	104	216131	55.909	ug/l	99
71) Bromoform	12.215	173	41930	55.445	ug/l #	98
73) Isopropylbenzene	12.337	105	333038	51.694	ug/l	99
74) N-amyl acetate	12.148	43	62156	54.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61368	55.470	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	41637m	50.534	ug/l	
77) Bromobenzene	12.611	156	79645	51.049	ug/l	97
78) n-propylbenzene	12.672	91	406681	52.608	ug/l	100
79) 2-Chlorotoluene	12.758	91	221667	51.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	271823	52.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18789	52.398	ug/l	98
82) 4-Chlorotoluene	12.861	91	227024	51.284	ug/l	98
83) tert-Butylbenzene	13.081	119	237358	52.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	268596	52.711	ug/l	100
85) sec-Butylbenzene	13.257	105	360862	52.076	ug/l	100
86) p-Isopropyltoluene	13.373	119	299352	52.772	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	159798	51.027	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	154260	50.667	ug/l	99
89) n-Butylbenzene	13.702	91	275453	53.223	ug/l	99
90) Hexachloroethane	13.965	117	58623	51.548	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	136928	51.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7843	50.428	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	71270	50.938	ug/l	99
94) Hexachlorobutadiene	15.117	225	43221	50.033	ug/l	99
95) Naphthalene	15.239	128	127160	47.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	60404	50.324	ug/l	99

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

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