

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016316.D
 Acq On : 13 Nov 2023 09:19
 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 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	167639	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	263555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	224855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	70398	45.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.900%		
35) Dibromofluoromethane	7.740	113	76977	51.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.840%		
50) Toluene-d8	10.197	98	306966	50.560	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.120%		
62) 4-Bromofluorobenzene	12.495	95	95897	48.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	75615	46.065	ug/l	99
3) Chloromethane	2.125	50	85699	44.579	ug/l	97
4) Vinyl Chloride	2.265	62	93034	45.005	ug/l	98
5) Bromomethane	2.674	94	57268	42.155	ug/l	98
6) Chloroethane	2.814	64	60330	45.737	ug/l	98
7) Trichlorofluoromethane	3.149	101	148684	49.438	ug/l	96
8) Diethyl Ether	3.552	74	40817	45.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.924	101	87890	48.520	ug/l	95
10) Methyl Iodide	4.119	142	91979	47.015	ug/l	98
11) Tert butyl alcohol	4.984	59	20134	167.812	ug/l #	80
12) 1,1-Dichloroethene	3.899	96	81659	48.203	ug/l	89
13) Acrolein	3.753	56	29374	202.976	ug/l	98
14) Allyl chloride	4.509	41	112853	46.944	ug/l #	92
15) Acrylonitrile	5.186	53	77986	218.624	ug/l	97
16) Acetone	3.966	43	59440	234.535	ug/l	94
17) Carbon Disulfide	4.222	76	242299	47.404	ug/l	100
18) Methyl Acetate	4.503	43	59453	44.148	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	182374	44.480	ug/l	100
20) Methylene Chloride	4.741	84	84687	47.099	ug/l	86
21) trans-1,2-Dichloroethene	5.253	96	92130	47.234	ug/l	94
22) Diisopropyl ether	6.143	45	240355	46.393	ug/l	88
23) Vinyl Acetate	6.088	43	557349	222.020	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	151325	47.346	ug/l	97
25) 2-Butanone	7.008	43	93713	211.109	ug/l	92
26) 2,2-Dichloropropane	7.008	77	141730	48.722	ug/l	97
27) cis-1,2-Dichloroethene	7.008	96	99984	47.565	ug/l	92
28) Bromochloromethane	7.356	49	60436	51.091	ug/l	88
29) Tetrahydrofuran	7.374	42	60120	204.902	ug/l	89
30) Chloroform	7.527	83	158423	47.619	ug/l	100
31) Cyclohexane	7.807	56	136988	45.412	ug/l	91
32) 1,1,1-Trichloroethane	7.728	97	147499	48.367	ug/l	97
36) 1,1-Dichloropropene	7.941	75	127453	49.026	ug/l	98
37) Ethyl Acetate	7.094	43	43604	41.512	ug/l #	95
38) Carbon Tetrachloride	7.923	117	136610	50.632	ug/l	98
39) Methylcyclohexane	9.203	83	160047	49.407	ug/l	91
40) Benzene	8.185	78	354176	48.491	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	27032	51.040	ug/l #	87
42) 1,2-Dichloroethane	8.258	62	89118	47.091	ug/l	93
43) Isopropyl Acetate	8.295	43	86911	42.805	ug/l #	89
44) Trichloroethene	8.959	130	101928	48.557	ug/l	99
45) 1,2-Dichloropropane	9.234	63	84076	47.931	ug/l	99
46) Dibromomethane	9.325	93	45004	47.345	ug/l	95
47) Bromodichloromethane	9.514	83	117902	48.246	ug/l	100
48) Methyl methacrylate	9.307	41	49528	44.137	ug/l	86
49) 1,4-Dioxane	9.319	88	8076	800.280	ug/l #	51
51) 4-Methyl-2-Pentanone	10.087	43	217822	212.152	ug/l	91
52) Toluene	10.264	92	226752	49.113	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	111999	47.276	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	136592	48.273	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	61923	47.264	ug/l	97
56) Ethyl methacrylate	10.526	69	56115	45.373	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	105099	47.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	199949	238.434	ug/l	94
59) 2-Hexanone	10.849	43	151816	198.789	ug/l	86
60) Dibromochloromethane	11.002	129	78868	48.133	ug/l	99
61) 1,2-Dibromoethane	11.105	107	57468	46.041	ug/l	100
64) Tetrachloroethene	10.739	164	100274	49.666	ug/l	97
65) Chlorobenzene	11.532	112	235015	48.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	88895	50.169	ug/l	99
67) Ethyl Benzene	11.611	91	430664	49.882	ug/l	99
68) m/p-Xylenes	11.721	106	326181	99.607	ug/l	95
69) o-Xylene	12.044	106	151520	49.835	ug/l	96
70) Styrene	12.062	104	217737	50.013	ug/l	98
71) Bromoform	12.227	173	44077	47.940	ug/l #	100
73) Isopropylbenzene	12.349	105	417357	50.836	ug/l	100
74) N-amyl acetate	12.160	43	72078	43.709	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.599	83	61036	46.332	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	43770m	45.005	ug/l	
77) Bromobenzene	12.623	156	90310	48.671	ug/l	94
78) n-propylbenzene	12.690	91	489363	50.438	ug/l	100
79) 2-Chlorotoluene	12.776	91	262644	49.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	334411	50.522	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	20353	45.424	ug/l	91
82) 4-Chlorotoluene	12.873	91	274515	49.686	ug/l	99
83) tert-Butylbenzene	13.093	119	294192	50.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	323979	49.709	ug/l	99
85) sec-Butylbenzene	13.270	105	422055	50.671	ug/l	99
86) p-Isopropyltoluene	13.385	119	363380	50.666	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	173634	48.640	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	169648	48.627	ug/l	99
89) n-Butylbenzene	13.715	91	338140	51.052	ug/l	97
90) Hexachloroethane	13.977	117	68611	49.592	ug/l	91
91) 1,2-Dichlorobenzene	13.757	146	146980	48.049	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8613	41.093	ug/l	90
93) 1,2,4-Trichlorobenzene	15.025	180	85627	47.956	ug/l	99
94) Hexachlorobutadiene	15.129	225	51348	50.197	ug/l	98
95) Naphthalene	15.257	128	143349	44.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	68246	46.211	ug/l	98

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

