

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016449.D
 Acq On : 22 Nov 2023 08:46
 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 11/24/2023
 Supervised By :Semsettin Yesilyurt 11/24/2023

Quant Time: Nov 23 04:01:28 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	7.801	168	155609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70933	49.875	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.760%		
35) Dibromofluoromethane	7.728	113	77241	56.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.920%		
50) Toluene-d8	10.185	98	293123	52.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.680%		
62) 4-Bromofluorobenzene	12.489	95	100253	55.644	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75538	49.576	ug/l	98
3) Chloromethane	2.119	50	78750	44.131	ug/l	98
4) Vinyl Chloride	2.253	62	87476	45.588	ug/l	97
5) Bromomethane	2.656	94	59450	47.144	ug/l	99
6) Chloroethane	2.802	64	57678	47.107	ug/l	97
7) Trichlorofluoromethane	3.131	101	151285	54.191	ug/l	98
8) Diethyl Ether	3.534	74	44420	53.239	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.912	101	86540	51.468	ug/l	97
10) Methyl Iodide	4.101	142	102961	56.697	ug/l	97
11) Tert butyl alcohol	4.966	59	27395	245.982	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	82642	52.555	ug/l	84
13) Acrolein	3.735	56	27501	204.725	ug/l	98
14) Allyl chloride	4.491	41	101962	45.693	ug/l #	88
15) Acrylonitrile	5.174	53	82913	250.405	ug/l	97
16) Acetone	3.954	43	72210	306.949	ug/l #	83
17) Carbon Disulfide	4.204	76	242800	51.175	ug/l	98
18) Methyl Acetate	4.485	43	60344	48.273	ug/l #	85
19) Methyl tert-butyl Ether	5.229	73	197140	51.798	ug/l	97
20) Methylene Chloride	4.723	84	91716	55.576	ug/l #	84
21) trans-1,2-Dichloroethene	5.229	96	93698	51.752	ug/l	90
22) Diisopropyl ether	6.131	45	218460	45.427	ug/l #	85
23) Vinyl Acetate	6.070	43	537558	230.691	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	144900	48.840	ug/l	96
25) 2-Butanone	6.997	43	103054	250.099	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	140521	52.041	ug/l	96
27) cis-1,2-Dichloroethene	6.997	96	101886	52.217	ug/l	87
28) Bromochloromethane	7.344	49	57530	52.394	ug/l #	74
29) Tetrahydrofuran	7.356	42	63559	233.369	ug/l #	80
30) Chloroform	7.515	83	158596	51.357	ug/l	97
31) Cyclohexane	7.795	56	127025	45.365	ug/l #	86
32) 1,1,1-Trichloroethane	7.710	97	151077	53.370	ug/l	95
36) 1,1-Dichloropropene	7.929	75	122910	51.745	ug/l	97
37) Ethyl Acetate	7.082	43	45112	47.004	ug/l #	92
38) Carbon Tetrachloride	7.911	117	141010	57.199	ug/l	98
39) Methylcyclohexane	9.191	83	157346	53.161	ug/l	89
40) Benzene	8.173	78	353299	52.940	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24741	51.126	ug/l #	89
42) 1,2-Dichloroethane	8.246	62	92131	53.281	ug/l	92
43) Isopropyl Acetate	8.283	43	88227	47.557	ug/l #	86
44) Trichloroethene	8.947	130	106633	55.597	ug/l	94
45) 1,2-Dichloropropane	9.222	63	80931	50.496	ug/l	95
46) Dibromomethane	9.313	93	47123	54.257	ug/l	98
47) Bromodichloromethane	9.502	83	120183	53.825	ug/l	96
48) Methyl methacrylate	9.301	41	50262	49.022	ug/l #	79
49) 1,4-Dioxane	9.307	88	10707	1161.209	ug/l #	70
51) 4-Methyl-2-Pentanone	10.075	43	226591	241.537	ug/l #	86
52) Toluene	10.252	92	227203	53.858	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	117390	54.232	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	139051	53.784	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	65739	54.916	ug/l	97
56) Ethyl methacrylate	10.520	69	63056	55.801	ug/l #	77
57) 1,3-Dichloropropane	10.801	76	110227	54.019	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	222245	290.053	ug/l #	89
59) 2-Hexanone	10.837	43	167765	240.421	ug/l	82
60) Dibromochloromethane	10.990	129	87411	58.386	ug/l	100
61) 1,2-Dibromoethane	11.093	107	64752	56.777	ug/l	100
64) Tetrachloroethene	10.728	164	106337	55.979	ug/l	96
65) Chlorobenzene	11.526	112	247752	54.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	92918	55.735	ug/l	98
67) Ethyl Benzene	11.599	91	433539	53.370	ug/l	97
68) m/p-Xylenes	11.709	106	338274	109.792	ug/l	93
69) o-Xylene	12.038	106	158076	55.259	ug/l	95
70) Styrene	12.051	104	232408	56.738	ug/l	97
71) Bromoform	12.215	173	50942	58.889	ug/l #	99
73) Isopropylbenzene	12.337	105	432682	52.322	ug/l	99
74) N-amyl acetate	12.148	43	75771	45.615	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	68081	51.305	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51626m	52.699	ug/l	
77) Bromobenzene	12.617	156	100659	53.856	ug/l	90
78) n-propylbenzene	12.678	91	497628	50.919	ug/l	97
79) 2-Chlorotoluene	12.764	91	276139	51.271	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	352146	52.816	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23139	51.269	ug/l	89
82) 4-Chlorotoluene	12.861	91	288186	51.783	ug/l	98
83) tert-Butylbenzene	13.081	119	308899	52.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	347939	52.999	ug/l	97
85) sec-Butylbenzene	13.258	105	435693	51.930	ug/l	98
86) p-Isopropyltoluene	13.373	119	387999	53.707	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	192217	53.456	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	188844	53.738	ug/l	100
89) n-Butylbenzene	13.703	91	348036	52.166	ug/l	95
90) Hexachloroethane	13.965	117	74082	53.159	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	168087	54.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10644	50.416	ug/l	81
93) 1,2,4-Trichlorobenzene	15.013	180	106980	59.482	ug/l	98
94) Hexachlorobutadiene	15.117	225	61198	59.393	ug/l	99
95) Naphthalene	15.239	128	196971	61.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	91098	61.238	ug/l	99

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

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