

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009713.D
 Acq On : 27 Jul 2022 09:37
 Operator : KP/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 :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:43:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69891	49.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.600%		
35) Dibromofluoromethane	7.710	113	79703	46.753	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.500%		
50) Toluene-d8	10.179	98	238004	47.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.483	95	111020	49.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	98.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	81893	43.642	ug/l	97
3) Chloromethane	2.107	50	119239	51.900	ug/l	98
4) Vinyl Chloride	2.247	62	129337	50.446	ug/l	97
5) Bromomethane	2.644	94	89798	50.522	ug/l	95
6) Chloroethane	2.784	64	79299	51.702	ug/l	97
7) Trichlorofluoromethane	3.119	101	157208	46.416	ug/l	97
8) Diethyl Ether	3.521	74	53276	48.530	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	91013	47.520	ug/l	95
10) Methyl Iodide	4.082	142	120342	48.426	ug/l	88
11) Tert butyl alcohol	4.948	59	45543	219.537	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	85693	47.592	ug/l	86
13) Acrolein	3.723	56	7281	218.742	ug/l	99
14) Allyl chloride	4.466	41	139076	49.126	ug/l #	91
15) Acrylonitrile	5.149	53	137380	259.832	ug/l	97
16) Acetone	3.942	43	151400	300.422	ug/l	90
17) Carbon Disulfide	4.186	76	274537	49.556	ug/l	100
18) Methyl Acetate	4.466	43	64504	49.678	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	248419	50.522	ug/l	99
20) Methylene Chloride	4.704	84	105428	42.036	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	102363	48.925	ug/l	88
22) Diisopropyl ether	6.106	45	312381	51.812	ug/l	94
23) Vinyl Acetate	6.051	43	1032539	254.430	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	172496	49.369	ug/l	98
25) 2-Butanone	6.972	43	207745	279.435	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	158022	47.574	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	117500	50.066	ug/l	86
28) Bromochloromethane	7.326	49	63992	50.805	ug/l #	79
29) Tetrahydrofuran	7.338	42	121168	257.367	ug/l #	87
30) Chloroform	7.496	83	183087	50.089	ug/l	99
31) Cyclohexane	7.777	56	157793	47.051	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	164098	50.015	ug/l	95
36) 1,1-Dichloropropene	7.911	75	142302	51.299	ug/l	96
37) Ethyl Acetate	7.064	43	81324	49.464	ug/l #	94
38) Carbon Tetrachloride	7.893	117	150570	50.656	ug/l	99
39) Methylcyclohexane	9.179	83	174708	50.844	ug/l	89
40) Benzene	8.155	78	416341	50.655	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42810m	51.108	ug/l	
42) 1,2-Dichloroethane	8.234	62	117795	51.405	ug/l	91
43) Isopropyl Acetate	8.265	43	148180	51.587	ug/l #	92
44) Trichloroethene	8.935	130	116899	49.580	ug/l	99
45) 1,2-Dichloropropane	9.209	63	101532	50.878	ug/l	96
46) Dibromomethane	9.301	93	62120	52.322	ug/l	95
47) Bromodichloromethane	9.490	83	140672	51.574	ug/l	99
48) Methyl methacrylate	9.289	41	67467	53.414	ug/l #	86
49) 1,4-Dioxane	9.295	88	17257	998.510	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	418217	286.203	ug/l	92
52) Toluene	10.240	92	265385	51.549	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	146930	52.162	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	166690	51.526	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	86337	51.430	ug/l	97
56) Ethyl methacrylate	10.508	69	117742	56.299	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	143391	52.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	272779	253.920	ug/l	95
59) 2-Hexanone	10.831	43	312548	300.123	ug/l	90
60) Dibromochloromethane	10.984	129	104983	51.705	ug/l	100
61) 1,2-Dibromoethane	11.087	107	84723	51.811	ug/l	99
64) Tetrachloroethene	10.715	164	110634	49.851	ug/l	99
65) Chlorobenzene	11.514	112	282651	50.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	106758	50.792	ug/l	98
67) Ethyl Benzene	11.593	91	506115	51.841	ug/l	97
68) m/p-Xylenes	11.703	106	405768	104.702	ug/l	91
69) o-Xylene	12.032	106	190689	52.615	ug/l	90
70) Styrene	12.044	104	325776	53.484	ug/l	94
71) Bromoform	12.209	173	71812	53.504	ug/l #	97
73) Isopropylbenzene	12.331	105	499493	51.240	ug/l	100
74) N-amyl acetate	12.142	43	142706	56.677	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	101731	53.056	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	77612m	56.981	ug/l	
77) Bromobenzene	12.605	156	123456	50.995	ug/l	90
78) n-propylbenzene	12.672	91	604124	52.150	ug/l	98
79) 2-Chlorotoluene	12.758	91	332278	50.681	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	419741	51.955	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	36948	54.071	ug/l	86
82) 4-Chlorotoluene	12.855	91	350241	51.354	ug/l	96
83) tert-Butylbenzene	13.075	119	360642	49.673	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	415036	50.969	ug/l	96
85) sec-Butylbenzene	13.251	105	548158	51.423	ug/l	99
86) p-Isopropyltoluene	13.367	119	467156	51.815	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	246263	50.379	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	244791	49.728	ug/l	98
89) n-Butylbenzene	13.696	91	429039	51.942	ug/l	99
90) Hexachloroethane	13.959	117	86956	49.030	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	219274	50.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16688	51.795	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	139296	50.555	ug/l	99
94) Hexachlorobutadiene	15.117	225	82307	49.337	ug/l	99
95) Naphthalene	15.239	128	281661	54.536	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	123405	51.208	ug/l	99

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

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