

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010233.D
 Acq On : 31 Aug 2022 09:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 31 14:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81187	49.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.710	113	79969	49.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.380%		
50) Toluene-d8	10.179	98	306181	50.705	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.477	95	125278	55.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69304	47.812	ug/l	97
3) Chloromethane	2.107	50	69024	46.763	ug/l	95
4) Vinyl Chloride	2.241	62	80657	48.632	ug/l	98
5) Bromomethane	2.644	94	59483	44.216	ug/l	99
6) Chloroethane	2.784	64	55514	49.324	ug/l	96
7) Trichlorofluoromethane	3.113	101	153109	49.244	ug/l	89
8) Diethyl Ether	3.521	74	47774	47.203	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	86596	49.025	ug/l	90
10) Methyl Iodide	4.082	142	120327	48.438	ug/l	90
11) Tert butyl alcohol	4.948	59	38329	228.922	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	82158	46.274	ug/l	82
13) Acrolein	3.723	56	54585	248.685	ug/l	97
14) Allyl chloride	4.472	41	114138	47.095	ug/l #	92
15) Acrylonitrile	5.149	53	108938	235.597	ug/l	98
16) Acetone	3.942	43	90665	257.670	ug/l #	89
17) Carbon Disulfide	4.186	76	238464	44.636	ug/l	100
18) Methyl Acetate	4.466	43	51833	44.798	ug/l #	83
19) Methyl tert-butyl Ether	5.210	73	224746	48.797	ug/l	93
20) Methylene Chloride	4.704	84	99163	47.862	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	92803	47.583	ug/l #	82
22) Diisopropyl ether	6.112	45	232001	47.556	ug/l #	89
23) Vinyl Acetate	6.051	43	749958	240.126	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	145438	47.589	ug/l	97
25) 2-Butanone	6.978	43	133188	219.781	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	143495	50.179	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	104381	47.080	ug/l	83
28) Bromochloromethane	7.326	49	51735	49.882	ug/l #	54
29) Tetrahydrofuran	7.338	42	87329	218.240	ug/l #	79
30) Chloroform	7.502	83	161857	46.768	ug/l	98
31) Cyclohexane	7.777	56	128188	42.879	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	156065	49.193	ug/l	95
36) 1,1-Dichloropropene	7.911	75	121936	49.180	ug/l	94
37) Ethyl Acetate	7.063	43	60757	46.494	ug/l #	92
38) Carbon Tetrachloride	7.893	117	147129	51.718	ug/l	99
39) Methylcyclohexane	9.179	83	151563	47.706	ug/l	87
40) Benzene	8.155	78	354356	48.400	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	32161m	43.562	ug/l	
42) 1,2-Dichloroethane	8.228	62	107160	49.516	ug/l	93
43) Isopropyl Acetate	8.271	43	112323	44.897	ug/l #	87
44) Trichloroethene	8.935	130	110110	48.737	ug/l	97
45) 1,2-Dichloropropane	9.209	63	79836	45.121	ug/l	97
46) Dibromomethane	9.301	93	51668	47.328	ug/l #	87
47) Bromodichloromethane	9.496	83	124477	49.250	ug/l #	99
48) Methyl methacrylate	9.289	41	51800	46.486	ug/l #	83
49) 1,4-Dioxane	9.289	88	12077	1020.340	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	297861	223.387	ug/l	89
52) Toluene	10.240	92	233251	48.823	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	129206	46.641	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	143633	48.275	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	87579	52.652	ug/l	97
56) Ethyl methacrylate	10.508	69	98084	45.344	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	149839	54.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	118387	217.329	ug/l #	86
59) 2-Hexanone	10.831	43	279097	274.310	ug/l	88
60) Dibromochloromethane	10.983	129	121978	58.533	ug/l	100
61) 1,2-Dibromoethane	11.087	107	90567	55.207	ug/l	99
64) Tetrachloroethene	10.715	164	125812	48.542	ug/l	99
65) Chlorobenzene	11.514	112	309297	49.987	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	118279	50.650	ug/l	98
67) Ethyl Benzene	11.593	91	542410	51.384	ug/l	96
68) m/p-Xylenes	11.703	106	432646	102.752	ug/l	92
69) o-Xylene	12.026	106	203849	52.022	ug/l	92
70) Styrene	12.044	104	342631	52.152	ug/l	95
71) Bromoform	12.209	173	81020	52.486	ug/l #	99
73) Isopropylbenzene	12.331	105	542738	52.172	ug/l	99
74) N-amyl acetate	12.142	43	153100	56.531	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	103519	49.085	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	78603m	51.952	ug/l	
77) Bromobenzene	12.611	156	134462	50.578	ug/l	90
78) n-propylbenzene	12.672	91	648839	52.586	ug/l	97
79) 2-Chlorotoluene	12.758	91	369574	51.924	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	447999	50.695	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	37590	51.835	ug/l #	85
82) 4-Chlorotoluene	12.855	91	376976	50.484	ug/l	97
83) tert-Butylbenzene	13.075	119	398218	50.953	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	447346	51.544	ug/l	97
85) sec-Butylbenzene	13.251	105	604076	52.547	ug/l	98
86) p-Isopropyltoluene	13.367	119	497932	52.261	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	263527	50.158	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	262060	49.506	ug/l	99
89) n-Butylbenzene	13.696	91	454571	51.535	ug/l	97
90) Hexachloroethane	13.959	117	93364	48.633	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	236844	49.857	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16874	46.028	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	153169	49.126	ug/l	99
94) Hexachlorobutadiene	15.111	225	90115	48.796	ug/l	99
95) Naphthalene	15.239	128	300953	48.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	133355	48.203	ug/l	99

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

