

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010544.D
 Acq On : 16 Sep 2022 18:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 17 00:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	247634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121825	48.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.700%		
35) Dibromofluoromethane	7.709	113	125528	46.111	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.220%		
50) Toluene-d8	10.179	98	449132	50.906	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.477	95	162511	45.974	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	82383	49.112	ug/l	97
3) Chloromethane	2.107	50	120293	43.237	ug/l	97
4) Vinyl Chloride	2.247	62	158360	46.137	ug/l	100
5) Bromomethane	2.643	94	110040	45.761	ug/l	98
6) Chloroethane	2.790	64	108748	47.367	ug/l	98
7) Trichlorofluoromethane	3.119	101	208144	47.873	ug/l	93
8) Diethyl Ether	3.521	74	67751	48.114	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	125635	49.353	ug/l	96
10) Methyl Iodide	4.082	142	146091	46.377	ug/l	91
11) Tert butyl alcohol	4.948	59	57122	208.988	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	114888	48.108	ug/l	82
13) Acrolein	3.722	56	48415	203.479	ug/l	100
14) Allyl chloride	4.472	41	165264	48.057	ug/l #	93
15) Acrylonitrile	5.155	53	175207	257.033	ug/l	98
16) Acetone	3.942	43	131367	229.515	ug/l #	84
17) Carbon Disulfide	4.186	76	264038	40.885	ug/l	99
18) Methyl Acetate	4.472	43	84779	48.147	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	324851	49.257	ug/l	94
20) Methylene Chloride	4.710	84	155923	57.252	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	128146	47.259	ug/l	88
22) Diisopropyl ether	6.112	45	378808	49.341	ug/l #	93
23) Vinyl Acetate	6.051	43	1163990	247.400	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	235293	50.623	ug/l	98
25) 2-Butanone	6.978	43	217503	239.115	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	213746	48.193	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	154351	48.971	ug/l	88
28) Bromochloromethane	7.325	49	70148	47.072	ug/l #	79
29) Tetrahydrofuran	7.344	42	140282	247.103	ug/l #	82
30) Chloroform	7.502	83	251633	51.039	ug/l	99
31) Cyclohexane	7.783	56	188775	44.803	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	229489	51.406	ug/l	96
36) 1,1-Dichloropropene	7.911	75	179998	48.298	ug/l	97
37) Ethyl Acetate	7.069	43	98337	50.194	ug/l #	93
38) Carbon Tetrachloride	7.892	117	204357	49.288	ug/l	99
39) Methylcyclohexane	9.179	83	217791	46.868	ug/l	89
40) Benzene	8.155	78	523166	48.765	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48193m	43.029	ug/l	
42) 1,2-Dichloroethane	8.234	62	155560	48.760	ug/l	92
43) Isopropyl Acetate	8.270	43	177832	49.599	ug/l #	89
44) Trichloroethene	8.935	130	150744	47.734	ug/l	100
45) 1,2-Dichloropropane	9.209	63	133125	50.879	ug/l	98
46) Dibromomethane	9.301	93	78522	49.765	ug/l	98
47) Bromodichloromethane	9.496	83	191634	51.132	ug/l	99
48) Methyl methacrylate	9.288	41	80449	49.960	ug/l #	83
49) 1,4-Dioxane	9.288	88	22357	1070.382	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	505790	257.186	ug/l	89
52) Toluene	10.240	92	342145	48.735	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	190467	49.383	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	214428	49.291	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	113105	50.392	ug/l	98
56) Ethyl methacrylate	10.508	69	150496	51.056	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	186465	49.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	176883	214.712	ug/l	94
59) 2-Hexanone	10.831	43	347295	259.066	ug/l	86
60) Dibromochloromethane	10.983	129	136424	49.739	ug/l	100
61) 1,2-Dibromoethane	11.087	107	106472	48.867	ug/l	100
64) Tetrachloroethene	10.715	164	145579	47.060	ug/l	96
65) Chlorobenzene	11.514	112	371523	48.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	144893	50.970	ug/l	98
67) Ethyl Benzene	11.593	91	670502	49.359	ug/l	98
68) m/p-Xylenes	11.703	106	518357	97.198	ug/l	94
69) o-Xylene	12.026	106	249376	48.972	ug/l	93
70) Styrene	12.044	104	423751	49.167	ug/l	96
71) Bromoform	12.209	173	87087	49.000	ug/l #	99
73) Isopropylbenzene	12.331	105	675529	48.532	ug/l	100
74) N-amyl acetate	12.142	43	158163	48.700	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	128626	49.400	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	96002m	48.759	ug/l	
77) Bromobenzene	12.605	156	154505	46.844	ug/l	95
78) n-propylbenzene	12.672	91	804342	48.799	ug/l	98
79) 2-Chlorotoluene	12.757	91	448952	48.489	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	569517	48.493	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	43636	49.209	ug/l	87
82) 4-Chlorotoluene	12.855	91	460563	47.815	ug/l	98
83) tert-Butylbenzene	13.074	119	509556	49.640	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	562751	48.972	ug/l	98
85) sec-Butylbenzene	13.251	105	742977	48.881	ug/l	99
86) p-Isopropyltoluene	13.367	119	622052	48.382	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	306645	46.299	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	303903	46.338	ug/l	98
89) n-Butylbenzene	13.696	91	571794	48.995	ug/l	99
90) Hexachloroethane	13.958	117	115777	47.961	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	271782	46.331	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22145	50.387	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	167109	45.867	ug/l	99
94) Hexachlorobutadiene	15.111	225	102446	46.603	ug/l	99
95) Naphthalene	15.233	128	348593	48.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	142576	44.829	ug/l	99

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

