

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010566.D
 Acq On : 19 Sep 2022 21:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 20 01:06:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	244352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106852	45.719	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.440%		
35) Dibromofluoromethane	7.710	113	115167	48.611	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.220%		
50) Toluene-d8	10.173	98	442269	50.479	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.960%		
62) 4-Bromofluorobenzene	12.477	95	148821	45.558	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	90294	85.202	ug/l	97
3) Chloromethane	2.107	50	129074	80.216	ug/l	99
4) Vinyl Chloride	2.241	62	167659	79.115	ug/l	97
5) Bromomethane	2.644	94	103911	73.173	ug/l	97
6) Chloroethane	2.784	64	110478	64.182	ug/l	99
7) Trichlorofluoromethane	3.113	101	206822	64.416	ug/l	97
8) Diethyl Ether	3.521	74	56334	51.172	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	122936	63.620	ug/l	95
10) Methyl Iodide	4.082	142	143409	64.243	ug/l	92
11) Tert butyl alcohol	4.948	59	41821	197.628	ug/l	96
12) 1,1-Dichloroethene	3.863	96	109872	63.677	ug/l	84
13) Acrolein	3.723	56	21088	193.963	ug/l	98
14) Allyl chloride	4.466	41	152514	58.629	ug/l #	93
15) Acrylonitrile	5.149	53	119970	209.967	ug/l	98
16) Acetone	3.936	43	90491	189.864	ug/l #	89
17) Carbon Disulfide	4.186	76	287206	89.296	ug/l	99
18) Methyl Acetate	4.466	43	56493	41.551	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	270190	50.226	ug/l	96
20) Methylene Chloride	4.704	84	145790	59.753	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	124148	63.938	ug/l	87
22) Diisopropyl ether	6.112	45	342593	55.792	ug/l #	92
23) Vinyl Acetate	6.051	43	916023	252.521	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	219853	59.654	ug/l	98
25) 2-Butanone	6.978	43	148517	199.221	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	188423	53.167	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	143306	59.241	ug/l	87
28) Bromochloromethane	7.326	49	81449	47.403	ug/l #	81
29) Tetrahydrofuran	7.344	42	96657	211.097	ug/l #	81
30) Chloroform	7.496	83	231034	57.943	ug/l	99
31) Cyclohexane	7.777	56	190981	74.505	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	217072	61.171	ug/l	96
36) 1,1-Dichloropropene	7.911	75	177382	67.197	ug/l	98
37) Ethyl Acetate	7.070	43	69494	45.578	ug/l #	93
38) Carbon Tetrachloride	7.893	117	200600	66.090	ug/l	98
39) Methylcyclohexane	9.179	83	219330	70.989	ug/l	90
40) Benzene	8.155	78	497857	63.264	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	42744m	54.963	ug/l	
42) 1,2-Dichloroethane	8.228	62	131484	54.259	ug/l	92
43) Isopropyl Acetate	8.271	43	131551	47.069	ug/l #	88
44) Trichloroethene	8.935	130	141450	62.790	ug/l	98
45) 1,2-Dichloropropane	9.209	63	120185	59.036	ug/l	95
46) Dibromomethane	9.301	93	64077	53.598	ug/l	98
47) Bromodichloromethane	9.490	83	171584	58.126	ug/l	97
48) Methyl methacrylate	9.289	41	59867	48.524	ug/l #	85
49) 1,4-Dioxane	9.289	88	15684	892.152	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	356739	226.081	ug/l	89
52) Toluene	10.240	92	327721	63.647	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	154699	51.829	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	184147	55.336	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	91338	51.941	ug/l	97
56) Ethyl methacrylate	10.508	69	114770	50.380	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	153252	52.613	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	272556	214.508	ug/l	94
59) 2-Hexanone	10.831	43	238560	223.054	ug/l	87
60) Dibromochloromethane	10.983	129	115077	53.475	ug/l	100
61) 1,2-Dibromoethane	11.087	107	82818	50.306	ug/l	100
64) Tetrachloroethene	10.715	164	127143	57.347	ug/l	99
65) Chlorobenzene	11.514	112	345766	60.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	130761	58.483	ug/l	98
67) Ethyl Benzene	11.587	91	636855	63.193	ug/l	98
68) m/p-Xylenes	11.697	106	498266	127.627	ug/l	94
69) o-Xylene	12.026	106	233800	61.424	ug/l	93
70) Styrene	12.038	104	388490	60.081	ug/l	96
71) Bromoform	12.203	173	68146	49.083	ug/l #	99
73) Isopropylbenzene	12.325	105	632723	63.399	ug/l	99
74) N-amyl acetate	12.142	43	118025	48.768	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	100792	49.562	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	65755m	42.664	ug/l	
77) Bromobenzene	12.605	156	136465	57.470	ug/l	92
78) n-propylbenzene	12.666	91	746846	62.826	ug/l	98
79) 2-Chlorotoluene	12.751	91	410679	60.631	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	520815	61.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	28333	40.874	ug/l	90
82) 4-Chlorotoluene	12.849	91	416500	59.548	ug/l	97
83) tert-Butylbenzene	13.069	119	475008	62.985	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	506193	60.424	ug/l	98
85) sec-Butylbenzene	13.251	105	679125	61.487	ug/l	99
86) p-Isopropyltoluene	13.367	119	564391	61.148	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	275527	57.167	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	266141	55.793	ug/l	99
89) n-Butylbenzene	13.690	91	506286	59.753	ug/l	99
90) Hexachloroethane	13.959	117	104866	59.175	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	234174	54.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13963	41.145	ug/l	75
93) 1,2,4-Trichlorobenzene	15.001	180	130390	49.785	ug/l	100
94) Hexachlorobutadiene	15.111	225	82379	51.750	ug/l	98
95) Naphthalene	15.233	128	232304	44.020	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107271	47.039	ug/l	97

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

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