

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010059.D
 Acq On : 17 Aug 2022 11:32
 Operator : KP/MD
 Sample : VY0817SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

Quant Time: Aug 17 14:56:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49056	49.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.520%			
35) Dibromofluoromethane	7.710	113	48286	53.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.300%			
50) Toluene-d8	10.179	98	169745	50.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.960%			
62) 4-Bromofluorobenzene	12.477	95	71829	61.421	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	17429	21.376	ug/l	100
3) Chloromethane	2.107	50	18772	16.801	ug/l	99
4) Vinyl Chloride	2.247	62	25169	17.766	ug/l	96
5) Bromomethane	2.637	94	22403	19.375	ug/l	95
6) Chloroethane	2.784	64	17839	18.285	ug/l	98
7) Trichlorofluoromethane	3.119	101	33998	20.203	ug/l	100
8) Diethyl Ether	3.527	74	8947	18.983	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	18296	20.502	ug/l	97
10) Methyl Iodide	4.082	142	19755	18.702	ug/l	100
11) Tert butyl alcohol	4.948	59	7961	82.198	ug/l	97
12) 1,1-Dichloroethene	3.863	96	15426	18.888	ug/l	96
13) Acrolein	3.716	56	6272	94.348	ug/l	99
14) Allyl chloride	4.466	41	20797	17.327	ug/l	97
15) Acrylonitrile	5.161	53	21002	94.504	ug/l	98
16) Acetone	3.936	43	20275	95.048	ug/l	94
17) Carbon Disulfide	4.180	76	33619	14.371	ug/l	97
18) Methyl Acetate	4.466	43	10889	18.745	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	43832	19.532	ug/l	97
20) Methylene Chloride	4.704	84	19387	17.453	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	16983	18.081	ug/l	98
22) Diisopropyl ether	6.112	45	49298	20.882	ug/l	97
23) Vinyl Acetate	6.051	43	147668	99.126	ug/l	99
24) 1,1-Dichloroethane	6.009	63	30034	20.032	ug/l	99
25) 2-Butanone	6.972	43	28715	98.399	ug/l	99
26) 2,2-Dichloropropane	6.978	77	31616	20.065	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	20558	19.903	ug/l	94
28) Bromochloromethane	7.319	49	10788	17.291	ug/l	91
29) Tetrahydrofuran	7.344	42	16921	89.270	ug/l	96
30) Chloroform	7.496	83	36084	19.679	ug/l	99
31) Cyclohexane	7.783	56	22701	16.132	ug/l #	92
32) 1,1,1-Trichloroethane	7.691	97	34639	20.840	ug/l	99
36) 1,1-Dichloropropene	7.911	75	23136	18.455	ug/l	96
37) Ethyl Acetate	7.069	43	12236	19.381	ug/l	96
38) Carbon Tetrachloride	7.892	117	32963	21.379	ug/l	99
39) Methylcyclohexane	9.179	83	25750	18.230	ug/l	96
40) Benzene	8.155	78	68411	18.653	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6091m	18.678	ug/l	
42) 1,2-Dichloroethane	8.228	62	23359	20.440	ug/l	99
43) Isopropyl Acetate	8.270	43	22882	19.095	ug/l	97
44) Trichloroethene	8.935	130	22204	20.030	ug/l	99
45) 1,2-Dichloropropane	9.215	63	16937	19.531	ug/l	99
46) Dibromomethane	9.301	93	11552	20.799	ug/l	99
47) Bromodichloromethane	9.496	83	28163	21.022	ug/l	94
48) Methyl methacrylate	9.289	41	9951	19.084	ug/l	95
49) 1,4-Dioxane	9.289	88	2277	398.747	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	62326	94.271	ug/l	97
52) Toluene	10.240	92	47267	19.996	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	26260	20.353	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	28090	19.904	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	16278	21.219	ug/l	94
56) Ethyl methacrylate	10.508	69	17225	19.427	ug/l	99
57) 1,3-Dichloropropane	10.788	76	24215	19.717	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	41734	108.766	ug/l	97
59) 2-Hexanone	10.831	43	42950	99.006	ug/l	99
60) Dibromochloromethane	10.983	129	22105	21.754	ug/l	100
61) 1,2-Dibromoethane	11.087	107	15423	20.629	ug/l	96
64) Tetrachloroethene	10.715	164	22356	19.795	ug/l	95
65) Chlorobenzene	11.514	112	56003	20.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	23146	21.188	ug/l	98
67) Ethyl Benzene	11.593	91	89646	19.394	ug/l	95
68) m/p-Xylenes	11.697	106	77551	42.235	ug/l	94
69) o-Xylene	12.026	106	35966	20.966	ug/l	95
70) Styrene	12.044	104	60454	20.884	ug/l	100
71) Bromoform	12.203	173	15023	21.952	ug/l #	98
73) Isopropylbenzene	12.331	105	95501	20.265	ug/l	97
74) N-amyl acetate	12.142	43	18602	17.326	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	19915	21.258	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	14775m	20.673	ug/l	
77) Bromobenzene	12.605	156	27549	22.005	ug/l	93
78) n-propylbenzene	12.672	91	120286	20.704	ug/l	97
79) 2-Chlorotoluene	12.757	91	68986	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	87886	21.407	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	5844	18.479	ug/l	96
82) 4-Chlorotoluene	12.855	91	70313	20.458	ug/l	97
83) tert-Butylbenzene	13.074	119	73768	20.449	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	85242	21.147	ug/l	100
85) sec-Butylbenzene	13.251	105	108286	20.551	ug/l	97
86) p-Isopropyltoluene	13.367	119	94182	20.856	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53447	20.965	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	53221	20.678	ug/l	99
89) n-Butylbenzene	13.696	91	78634	19.545	ug/l	98
90) Hexachloroethane	13.958	117	17928	19.586	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	46570	20.539	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3077	19.109	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	27606	20.379	ug/l	98
94) Hexachlorobutadiene	15.111	225	18627	21.487	ug/l	98
95) Naphthalene	15.239	128	46055	19.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23502	19.712	ug/l	98

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

