

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010004.D
 Acq On : 14 Aug 2022 17:52
 Operator : KP/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Quant Time: Aug 15 00:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	172434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	155522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52757	50.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.300%			
35) Dibromofluoromethane	7.710	113	55651	52.731	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.460%			
50) Toluene-d8	10.173	98	211135	52.212	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.420%			
62) 4-Bromofluorobenzene	12.477	95	76910	51.911	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21793	23.410	ug/l	99
3) Chloromethane	2.107	50	12132	17.742	ug/l	99
4) Vinyl Chloride	2.241	62	12373	17.173	ug/l	95
5) Bromomethane	2.637	94	10085	18.124	ug/l	100
6) Chloroethane	2.778	64	8232	17.282	ug/l	95
7) Trichlorofluoromethane	3.113	101	34114	19.113	ug/l	95
8) Diethyl Ether	3.515	74	11910	17.727	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.881	101	22079	19.250	ug/l	97
10) Methyl Iodide	4.076	142	23084	16.825	ug/l	98
11) Tert butyl alcohol	4.948	59	9974	88.042	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	20742	18.627	ug/l	88
13) Acrolein	3.723	56	10702	79.068	ug/l	96
14) Allyl chloride	4.466	41	24414	15.725	ug/l #	93
15) Acrylonitrile	5.149	53	27423	85.276	ug/l	98
16) Acetone	3.936	43	21195	83.894	ug/l #	89
17) Carbon Disulfide	4.180	76	59399	16.390	ug/l	96
18) Methyl Acetate	4.460	43	11849	15.023	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	50231	18.460	ug/l	94
20) Methylene Chloride	4.698	84	31277	20.122	ug/l #	80
21) trans-1,2-Dichloroethene	5.204	96	22474	18.160	ug/l	91
22) Diisopropyl ether	6.106	45	53019	16.892	ug/l #	90
23) Vinyl Acetate	6.051	43	162850	83.969	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	35846	17.897	ug/l	98
25) 2-Butanone	6.978	43	31622	80.663	ug/l #	84
26) 2,2-Dichloropropane	6.966	77	33643	18.951	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	25176	18.938	ug/l	92
28) Bromochloromethane	7.320	49	12598	15.748	ug/l #	73
29) Tetrahydrofuran	7.344	42	19329	78.016	ug/l #	80
30) Chloroform	7.502	83	40328	19.472	ug/l	97
31) Cyclohexane	7.777	56	31428	16.691	ug/l #	85
32) 1,1,1-Trichloroethane	7.691	97	34170	19.416	ug/l	99
36) 1,1-Dichloropropene	7.911	75	28992	18.448	ug/l	98
37) Ethyl Acetate	7.070	43	13949	16.446	ug/l #	93
38) Carbon Tetrachloride	7.893	117	32849	20.945	ug/l	99
39) Methylcyclohexane	9.179	83	33930	17.931	ug/l	97
40) Benzene	8.155	78	89426	18.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5824	12.928	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	23809	19.326	ug/l	97
43) Isopropyl Acetate	8.264	43	24433	16.596	ug/l #	88
44) Trichloroethene	8.929	130	24680	19.163	ug/l	99
45) 1,2-Dichloropropane	9.209	63	20576	18.032	ug/l	95
46) Dibromomethane	9.301	93	13126	19.106	ug/l	96
47) Bromodichloromethane	9.490	83	30467	19.948	ug/l	99
48) Methyl methacrylate	9.289	41	10663	16.507	ug/l #	86
49) 1,4-Dioxane	9.289	88	3134	378.964	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	66321	83.089	ug/l	89
52) Toluene	10.240	92	56497	19.727	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	29959	19.086	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	34964	19.265	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	19136	19.476	ug/l	96
56) Ethyl methacrylate	10.508	69	22109	18.199	ug/l	87
57) 1,3-Dichloropropane	10.788	76	30296	19.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	55634	104.626	ug/l	95
59) 2-Hexanone	10.831	43	44991	81.685	ug/l	88
60) Dibromochloromethane	10.983	129	22849	20.362	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18309	19.456	ug/l	98
64) Tetrachloroethene	10.715	164	23214	20.432	ug/l	97
65) Chlorobenzene	11.514	112	62476	19.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	23878	21.233	ug/l	98
67) Ethyl Benzene	11.587	91	104657	19.718	ug/l	98
68) m/p-Xylenes	11.703	106	83518	40.650	ug/l	96
69) o-Xylene	12.026	106	37859	19.430	ug/l	95
70) Styrene	12.044	104	66763	20.115	ug/l	99
71) Bromoform	12.203	173	14386	20.251	ug/l #	98
73) Isopropylbenzene	12.325	105	102017	19.645	ug/l	100
74) N-amyl acetate	12.142	43	21284	16.022	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	21992	18.348	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	15528m	17.366	ug/l	
77) Bromobenzene	12.605	156	25527	20.319	ug/l	95
78) n-propylbenzene	12.666	91	128879	19.774	ug/l	99
79) 2-Chlorotoluene	12.751	91	74597	20.150	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	89149	21.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7419	18.037	ug/l	93
82) 4-Chlorotoluene	12.849	91	78845	20.444	ug/l	97
83) tert-Butylbenzene	13.075	119	75403	20.218	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	87858	20.621	ug/l	98
85) sec-Butylbenzene	13.251	105	114202	19.987	ug/l	99
86) p-Isopropyltoluene	13.367	119	94276	20.902	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	52096	21.038	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	51794	20.120	ug/l	97
89) n-Butylbenzene	13.696	91	88928	20.421	ug/l	97
90) Hexachloroethane	13.959	117	20078	20.758	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	47141	21.164	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3382	17.568	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	25906	20.441	ug/l	99
94) Hexachlorobutadiene	15.111	225	15438	21.570	ug/l	99
95) Naphthalene	15.233	128	51162	18.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23107	20.386	ug/l	98

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

