

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009992.D
 Acq On : 12 Aug 2022 17:36
 Operator : KP/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Quant Time: Aug 13 02:57:07 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	7.777	168	109002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	179372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	159527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53495	48.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.710	113	56653	51.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.200%		
50) Toluene-d8	10.173	98	214831	51.071	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.477	95	75978	49.298	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21960	22.441	ug/l	95
3) Chloromethane	2.101	50	14879	20.700	ug/l	94
4) Vinyl Chloride	2.241	62	15548	20.530	ug/l	97
5) Bromomethane	2.631	94	11308	19.541	ug/l	95
6) Chloroethane	2.778	64	9235	18.444	ug/l	99
7) Trichlorofluoromethane	3.107	101	36460	19.434	ug/l	99
8) Diethyl Ether	3.515	74	13187	18.673	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	24460	20.289	ug/l	95
10) Methyl Iodide	4.076	142	25560	17.723	ug/l	97
11) Tert butyl alcohol	4.948	59	10419	87.405	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	22925	19.585	ug/l	89
13) Acrolein	3.716	56	13286	93.384	ug/l	100
14) Allyl chloride	4.466	41	31598	19.363	ug/l	93
15) Acrylonitrile	5.155	53	31441	93.014	ug/l	97
16) Acetone	3.936	43	23320	87.814	ug/l	90
17) Carbon Disulfide	4.174	76	73969	19.417	ug/l	100
18) Methyl Acetate	4.460	43	14131	17.459	ug/l #	89
19) Methyl tert-butyl Ether	5.204	73	54744	19.140	ug/l	97
20) Methylene Chloride	4.698	84	28371	16.430	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	25713	19.767	ug/l	95
22) Diisopropyl ether	6.106	45	63127	19.134	ug/l	95
23) Vinyl Acetate	6.045	43	196889	96.581	ug/l	95
24) 1,1-Dichloroethane	6.003	63	40438	19.208	ug/l	99
25) 2-Butanone	6.972	43	36875	89.486	ug/l	98
26) 2,2-Dichloropropane	6.966	77	36065	19.327	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	26908	19.256	ug/l	96
28) Bromochloromethane	7.326	49	14947	17.775	ug/l	87
29) Tetrahydrofuran	7.338	42	23455	90.064	ug/l #	87
30) Chloroform	7.496	83	42592	19.565	ug/l	97
31) Cyclohexane	7.771	56	38497	19.451	ug/l #	89
32) 1,1,1-Trichloroethane	7.691	97	37219	20.120	ug/l	99
36) 1,1-Dichloropropene	7.911	75	33097	20.245	ug/l	100
37) Ethyl Acetate	7.063	43	16543	18.750	ug/l	96
38) Carbon Tetrachloride	7.893	117	33683	20.646	ug/l	97
39) Methylcyclohexane	9.179	83	40121	20.382	ug/l	95
40) Benzene	8.149	78	99055	20.023	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9898m	21.121	ug/l	
42) 1,2-Dichloroethane	8.228	62	25959	20.256	ug/l	97
43) Isopropyl Acetate	8.264	43	29204	19.069	ug/l	93
44) Trichloroethene	8.929	130	26142	19.513	ug/l	100
45) 1,2-Dichloropropane	9.209	63	23172	19.521	ug/l	96
46) Dibromomethane	9.301	93	14319	20.037	ug/l	99
47) Bromodichloromethane	9.490	83	31839	20.040	ug/l	98
48) Methyl methacrylate	9.289	41	12418	18.480	ug/l	90
49) 1,4-Dioxane	9.283	88	3563	412.086	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	78911	95.038	ug/l	94
52) Toluene	10.240	92	61034	20.486	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32109	19.665	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	38133	20.198	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	20463	20.021	ug/l	97
56) Ethyl methacrylate	10.508	69	24989	19.774	ug/l	92
57) 1,3-Dichloropropane	10.782	76	33795	20.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	63059	114.003	ug/l	97
59) 2-Hexanone	10.825	43	53496	93.370	ug/l	92
60) Dibromochloromethane	10.977	129	23946	20.514	ug/l	99
61) 1,2-Dibromoethane	11.081	107	19168	19.581	ug/l	97
64) Tetrachloroethene	10.715	164	24609	21.116	ug/l	97
65) Chlorobenzene	11.514	112	64565	19.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23753	20.592	ug/l	97
67) Ethyl Benzene	11.587	91	112020	20.575	ug/l	99
68) m/p-Xylenes	11.697	106	88951	42.207	ug/l	96
69) o-Xylene	12.026	106	40484	20.256	ug/l	95
70) Styrene	12.038	104	69404	20.386	ug/l	99
71) Bromoform	12.203	173	14229	19.527	ug/l #	99
73) Isopropylbenzene	12.325	105	107735	20.159	ug/l	99
74) N-amyl acetate	12.142	43	25772	18.852	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	24407	19.787	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	15761m	17.129	ug/l	
77) Bromobenzene	12.605	156	25939	20.063	ug/l	92
78) n-propylbenzene	12.666	91	135627	20.221	ug/l	99
79) 2-Chlorotoluene	12.751	91	78281	20.547	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	91871	21.040	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	7986	18.867	ug/l	94
82) 4-Chlorotoluene	12.849	91	82023	20.667	ug/l	97
83) tert-Butylbenzene	13.075	119	78217	20.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	89141	20.330	ug/l	100
85) sec-Butylbenzene	13.251	105	119171	20.267	ug/l	98
86) p-Isopropyltoluene	13.367	119	97713	21.052	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	51940	20.382	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	52351	19.761	ug/l	98
89) n-Butylbenzene	13.696	91	91795	20.483	ug/l	97
90) Hexachloroethane	13.959	117	20541	20.637	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	47075	20.537	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3537	17.854	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	26311	20.174	ug/l	99
94) Hexachlorobutadiene	15.111	225	15364	20.860	ug/l	99
95) Naphthalene	15.233	128	52342	18.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	22898	19.630	ug/l	96

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

