

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010103.D
 Acq On : 19 Aug 2022 15:06
 Operator : KP/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Quant Time: Aug 22 02:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	279003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	436462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	397857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	107972	47.246	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.500%		
35) Dibromofluoromethane	7.704	113	118074	48.010	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.020%		
50) Toluene-d8	10.173	98	426702	46.303	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.477	95	157252	47.759	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38754	18.637	ug/l	98
3) Chloromethane	2.107	50	44349	18.955	ug/l	98
4) Vinyl Chloride	2.241	62	48716	19.114	ug/l	96
5) Bromomethane	2.631	94	39829	20.643	ug/l	99
6) Chloroethane	2.778	64	31435	19.326	ug/l	99
7) Trichlorofluoromethane	3.113	101	85740	19.851	ug/l	99
8) Diethyl Ether	3.515	74	30679	20.811	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	53349	19.897	ug/l	100
10) Methyl Iodide	4.076	142	57135	17.253	ug/l	99
11) Tert butyl alcohol	4.936	59	38088	164.500	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	50694	19.709	ug/l	97
13) Acrolein	3.717	56	16123	129.314	ug/l	97
14) Allyl chloride	4.466	41	76313	20.061	ug/l	99
15) Acrylonitrile	5.149	53	74323	104.876	ug/l	99
16) Acetone	3.936	43	65716	114.895	ug/l	95
17) Carbon Disulfide	4.180	76	161787	19.821	ug/l	97
18) Methyl Acetate	4.466	43	36940	21.080	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	131851	20.688	ug/l	99
20) Methylene Chloride	4.698	84	89308	23.070	ug/l	99
21) trans-1,2-Dichloroethene	5.204	96	58667	20.117	ug/l	98
22) Diisopropyl ether	6.106	45	163284	20.435	ug/l	98
23) Vinyl Acetate	6.052	43	508148	104.791	ug/l	100
24) 1,1-Dichloroethane	6.003	63	96509	20.043	ug/l	98
25) 2-Butanone	6.978	43	104395	113.466	ug/l	98
26) 2,2-Dichloropropane	6.966	77	93428	21.683	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	65321	20.245	ug/l	94
28) Bromochloromethane	7.326	49	31236	19.090	ug/l	98
29) Tetrahydrofuran	7.338	42	63558	108.023	ug/l	98
30) Chloroform	7.496	83	100676	19.994	ug/l	95
31) Cyclohexane	7.777	56	91564	19.556	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	88324	20.120	ug/l	99
36) 1,1-Dichloropropene	7.911	75	77591	19.765	ug/l	99
37) Ethyl Acetate	7.064	43	43149	21.650	ug/l	98
38) Carbon Tetrachloride	7.893	117	80864	19.641	ug/l	96
39) Methylcyclohexane	9.179	83	95830	19.796	ug/l	98
40) Benzene	8.149	78	234616	20.318	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	19440m	17.015	ug/l	
42) 1,2-Dichloroethane	8.228	62	61221	20.673	ug/l	100
43) Isopropyl Acetate	8.265	43	76644	21.302	ug/l	99
44) Trichloroethene	8.935	130	66050	19.955	ug/l	99
45) 1,2-Dichloropropane	9.210	63	57274	20.611	ug/l	98
46) Dibromomethane	9.301	93	33042	20.324	ug/l	99
47) Bromodichloromethane	9.490	83	76571	20.237	ug/l	99
48) Methyl methacrylate	9.289	41	33841	21.021	ug/l	97
49) 1,4-Dioxane	9.289	88	8078	428.988	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	209794	107.771	ug/l	100
52) Toluene	10.240	92	148385	20.269	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	78767	20.369	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	92331	20.469	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	48322	20.639	ug/l	98
56) Ethyl methacrylate	10.508	69	60633	20.534	ug/l	99
57) 1,3-Dichloropropane	10.788	76	79253	20.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	141661	120.277	ug/l	100
59) 2-Hexanone	10.831	43	144829	108.502	ug/l	100
60) Dibromochloromethane	10.984	129	58122	20.369	ug/l	98
61) 1,2-Dibromoethane	11.087	107	47500	20.846	ug/l	100
64) Tetrachloroethene	10.715	164	64850	20.194	ug/l	98
65) Chlorobenzene	11.514	112	159775	19.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58723	19.853	ug/l	98
67) Ethyl Benzene	11.587	91	279731	20.061	ug/l	98
68) m/p-Xylenes	11.697	106	219806	40.421	ug/l	100
69) o-Xylene	12.026	106	102586	20.261	ug/l	100
70) Styrene	12.038	104	174571	20.205	ug/l	100
71) Bromoform	12.203	173	37140	20.398	ug/l #	98
73) Isopropylbenzene	12.325	105	272075	19.977	ug/l	100
74) N-amyl acetate	12.142	43	67531	20.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	56345	20.683	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	38889m	20.512	ug/l	
77) Bromobenzene	12.605	156	67023	20.231	ug/l	99
78) n-propylbenzene	12.666	91	337446	20.180	ug/l	100
79) 2-Chlorotoluene	12.752	91	189206	20.087	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	229774	20.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19074	20.207	ug/l	93
82) 4-Chlorotoluene	12.849	91	195529	20.024	ug/l	99
83) tert-Butylbenzene	13.075	119	198332	19.965	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	230070	20.387	ug/l	99
85) sec-Butylbenzene	13.251	105	302512	20.085	ug/l	100
86) p-Isopropyltoluene	13.367	119	250855	20.205	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	132218	19.820	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	133527	19.991	ug/l	99
89) n-Butylbenzene	13.697	91	235602	20.162	ug/l	99
90) Hexachloroethane	13.959	117	51269	20.253	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	119075	20.109	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8637	20.737	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	70337	20.035	ug/l	99
94) Hexachlorobutadiene	15.111	225	41755	20.033	ug/l	99
95) Naphthalene	15.233	128	135042	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61345	20.051	ug/l	100

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

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