

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007992.D
 Acq On : 22 Mar 2022 10:57
 Operator : SY/MD
 Sample : VY0322SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0322SBS01

Quant Time: Mar 23 05:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	210137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119040	49.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.360%		
35) Dibromofluoromethane	7.722	113	120684	45.924	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.840%		
50) Toluene-d8	10.179	98	425920	54.180	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.360%		
62) 4-Bromofluorobenzene	12.483	95	159861	42.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34432	22.533	ug/l	94
3) Chloromethane	2.113	50	51912	28.063	ug/l	99
4) Vinyl Chloride	2.253	62	65863	29.411	ug/l	98
5) Bromomethane	2.644	94	52282	35.411	ug/l	98
6) Chloroethane	2.796	64	46028	26.784	ug/l	97
7) Trichlorofluoromethane	3.125	101	87835	22.798	ug/l	94
8) Diethyl Ether	3.528	74	31593	22.095	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	57203	22.987	ug/l	90
10) Methyl Iodide	4.088	142	46351	20.150	ug/l	90
11) Tert butyl alcohol	4.954	59	27583	98.820	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	51262	22.466	ug/l	82
13) Acrolein	3.729	56	17758	105.629	ug/l	99
14) Allyl chloride	4.485	41	88043	22.940	ug/l	92
15) Acrylonitrile	5.168	53	84043	110.287	ug/l	96
16) Acetone	3.948	43	68867	108.348	ug/l #	88
17) Carbon Disulfide	4.192	76	124178	25.946	ug/l	98
18) Methyl Acetate	4.479	43	43806	26.207	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	160471	22.420	ug/l	97
20) Methylene Chloride	4.716	84	63472	23.273	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	59543	23.309	ug/l	91
22) Diisopropyl ether	6.119	45	195635	23.694	ug/l	96
23) Vinyl Acetate	6.064	43	595825	115.211	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	114118	24.537	ug/l	96
25) 2-Butanone	6.990	43	106511	104.617	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	102991	23.893	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	71382	23.281	ug/l	90
28) Bromochloromethane	7.332	49	40366	21.974	ug/l	95
29) Tetrahydrofuran	7.350	42	69192	106.067	ug/l	89
30) Chloroform	7.509	83	116463	24.227	ug/l	97
31) Cyclohexane	7.783	56	101490	26.915	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	101386	23.416	ug/l	96
36) 1,1-Dichloropropene	7.917	75	86480	22.188	ug/l	100
37) Ethyl Acetate	7.070	43	48045	20.202	ug/l #	94
38) Carbon Tetrachloride	7.899	117	88957	21.358	ug/l	94
39) Methylcyclohexane	9.185	83	108670	23.470	ug/l	92
40) Benzene	8.161	78	248750	21.840	ug/l	94

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41) Methacrylonitrile	7.313	41	24838m	16.934	ug/l	
42) 1,2-Dichloroethane	8.234	62	73629	22.327	ug/l	91
43) Isopropyl Acetate	8.277	43	91623	19.983	ug/l #	91
44) Trichloroethene	8.941	130	65315	20.738	ug/l	94
45) 1,2-Dichloropropane	9.216	63	64456	21.855	ug/l	94
46) Dibromomethane	9.307	93	36654	21.245	ug/l	88
47) Bromodichloromethane	9.496	83	88941	21.339	ug/l	98
48) Methyl methacrylate	9.295	41	39590	19.411	ug/l #	84
49) 1,4-Dioxane	9.301	88	9486	388.227	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	237526	98.327	ug/l	90
52) Toluene	10.246	92	158469	21.664	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	90116	20.267	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	103870	20.949	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	52172	20.814	ug/l	98
56) Ethyl methacrylate	10.508	69	71825	19.960	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	89689	21.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	172055	97.467	ug/l	97
59) 2-Hexanone	10.831	43	166232	96.229	ug/l	89
60) Dibromochloromethane	10.984	129	59804	19.921	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49918	20.586	ug/l	97
64) Tetrachloroethene	10.721	164	51895	20.150	ug/l	95
65) Chlorobenzene	11.520	112	168803	21.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	61354	20.554	ug/l	97
67) Ethyl Benzene	11.593	91	310817	22.008	ug/l	99
68) m/p-Xylenes	11.703	106	238638	43.318	ug/l	95
69) o-Xylene	12.032	106	115320	21.641	ug/l	94
70) Styrene	12.044	104	189890	21.195	ug/l	97
71) Bromoform	12.209	173	33726	17.640	ug/l #	100
73) Isopropylbenzene	12.331	105	308777	22.958	ug/l	100
74) N-amyl acetate	12.142	43	84041	21.179	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	62281	21.512	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	40051m	18.389	ug/l	
77) Bromobenzene	12.611	156	63610	20.696	ug/l	92
78) n-propylbenzene	12.672	91	377511	23.244	ug/l	100
79) 2-Chlorotoluene	12.758	91	208170	22.782	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	249977	22.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20430	19.703	ug/l	90
82) 4-Chlorotoluene	12.855	91	212218	22.357	ug/l	100
83) tert-Butylbenzene	13.075	119	219383	22.165	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	244039	22.508	ug/l	100
85) sec-Butylbenzene	13.258	105	339818	22.909	ug/l	99
86) p-Isopropyltoluene	13.373	119	268461	22.293	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	130515	21.743	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	129650	21.550	ug/l	96
89) n-Butylbenzene	13.696	91	268939	23.271	ug/l	98
90) Hexachloroethane	13.965	117	52308	21.762	ug/l	75
91) 1,2-Dichlorobenzene	13.739	146	115764	21.441	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9484	19.041	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	66107	19.369	ug/l	96
94) Hexachlorobutadiene	15.117	225	34056	18.703	ug/l	100
95) Naphthalene	15.239	128	144074	18.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	57104	18.969	ug/l	97

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

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