

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007694.D
 Acq On : 03 Mar 2022 10:45
 Operator : SY/MD
 Sample : VY0303SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS01

Quant Time: Mar 04 00:39:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	337422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	528537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	468669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	237246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	173905	49.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.460%		
35) Dibromofluoromethane	7.722	113	171342	50.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.420%		
50) Toluene-d8	10.179	98	618531	49.726	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.460%		
62) 4-Bromofluorobenzene	12.483	95	199661	49.797	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55359	23.000	ug/l	99
3) Chloromethane	2.113	50	76749	18.092	ug/l	91
4) Vinyl Chloride	2.253	62	107707	21.277	ug/l	98
5) Bromomethane	2.643	94	96032	23.473	ug/l	96
6) Chloroethane	2.790	64	78592	20.245	ug/l	95
7) Trichlorofluoromethane	3.131	101	125324	21.669	ug/l	97
8) Diethyl Ether	3.534	74	40228	21.616	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.905	101	77840	22.048	ug/l	94
10) Methyl Iodide	4.094	142	87194	20.299	ug/l	93
11) Tert butyl alcohol	4.966	59	33241	108.688	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	68869	21.979	ug/l	82
13) Acrolein	3.729	56	37631	126.790	ug/l	98
14) Allyl chloride	4.485	41	97310	20.647	ug/l #	89
15) Acrylonitrile	5.167	53	107330	109.260	ug/l	99
16) Acetone	3.948	43	76401	106.318	ug/l	92
17) Carbon Disulfide	4.198	76	184969	22.385	ug/l	97
18) Methyl Acetate	4.478	43	52207	21.635	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	203440	20.920	ug/l	99
20) Methylene Chloride	4.716	84	90771	24.053	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	78377	21.437	ug/l	82
22) Diisopropyl ether	6.125	45	233841	20.769	ug/l #	94
23) Vinyl Acetate	6.057	43	759126	106.619	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	144776	21.282	ug/l	98
25) 2-Butanone	6.990	43	133462	110.712	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	127708	21.095	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	90834	21.188	ug/l	89
28) Bromochloromethane	7.338	49	55917	19.328	ug/l	92
29) Tetrahydrofuran	7.350	42	90381	109.575	ug/l #	84
30) Chloroform	7.508	83	149196	21.169	ug/l	99
31) Cyclohexane	7.789	56	132152	22.072	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	135583	21.616	ug/l	98
36) 1,1-Dichloropropene	7.917	75	113283	21.311	ug/l	97
37) Ethyl Acetate	7.076	43	61585	20.976	ug/l	98
38) Carbon Tetrachloride	7.899	117	122032	21.521	ug/l	96
39) Methylcyclohexane	9.185	83	141402	21.645	ug/l	89
40) Benzene	8.161	78	320749	21.682	ug/l	98

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41) Methacrylonitrile	7.319	41	28607m	20.390	ug/l	
42) 1,2-Dichloroethane	8.240	62	99720	21.603	ug/l	95
43) Isopropyl Acetate	8.277	43	115816	21.331	ug/l #	92
44) Trichloroethene	8.941	130	88225	21.473	ug/l	95
45) 1,2-Dichloropropane	9.215	63	82470	21.557	ug/l	95
46) Dibromomethane	9.307	93	49466	21.541	ug/l	96
47) Bromodichloromethane	9.496	83	115707	21.482	ug/l	99
48) Methyl methacrylate	9.295	41	48453	20.588	ug/l #	81
49) 1,4-Dioxane	9.301	88	12850	463.502	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	311128	107.095	ug/l	91
52) Toluene	10.246	92	201358	21.051	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	116207	21.014	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	130215	21.313	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	66706	21.352	ug/l	97
56) Ethyl methacrylate	10.508	69	86295	20.805	ug/l	86
57) 1,3-Dichloropropane	10.788	76	113399	21.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	224035	99.043	ug/l	96
59) 2-Hexanone	10.831	43	214869	109.829	ug/l	89
60) Dibromochloromethane	10.983	129	79220	21.296	ug/l	100
61) 1,2-Dibromoethane	11.087	107	63030	21.167	ug/l	98
64) Tetrachloroethene	10.721	164	76687	22.075	ug/l	99
65) Chlorobenzene	11.514	112	221870	21.729	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	81998	21.475	ug/l	97
67) Ethyl Benzene	11.593	91	394713	21.436	ug/l	98
68) m/p-Xylenes	11.703	106	305045	43.176	ug/l	94
69) o-Xylene	12.026	106	144708	21.614	ug/l	91
70) Styrene	12.044	104	238809	21.302	ug/l	95
71) Bromoform	12.209	173	51159	21.518	ug/l #	99
73) Isopropylbenzene	12.331	105	388162	21.001	ug/l	100
74) N-amyl acetate	12.142	43	101487	20.627	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	82584	21.304	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	59867m	22.596	ug/l	
77) Bromobenzene	12.611	156	92071	21.627	ug/l	92
78) n-propylbenzene	12.672	91	473345	21.224	ug/l	99
79) 2-Chlorotoluene	12.757	91	251787	21.097	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	318100	21.524	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	26771	20.657	ug/l	89
82) 4-Chlorotoluene	12.855	91	261838	21.330	ug/l	97
83) tert-Butylbenzene	13.074	119	287684	21.163	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	308395	21.185	ug/l	98
85) sec-Butylbenzene	13.251	105	433280	21.546	ug/l	100
86) p-Isopropyltoluene	13.367	119	353682	21.295	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	180760	21.337	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	181223	21.674	ug/l	98
89) n-Butylbenzene	13.696	91	336717	21.450	ug/l	99
90) Hexachloroethane	13.958	117	68338	21.706	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	159778	21.240	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12462	21.228	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	101222	21.255	ug/l	99
94) Hexachlorobutadiene	15.111	225	60791	21.590	ug/l	99
95) Naphthalene	15.233	128	199120	20.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	88784	20.918	ug/l	99

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

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