

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004927.D
 Acq On : 03 Jun 2021 11:33
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Manual Integrations
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 6/4/2021 4:33:11 PM

Quant Time: Jun 04 01:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	266294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	442137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	390529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138306	49.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.722	113	125076	52.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.160%
50) Toluene-d8	10.185	98	494282	50.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.483	95	169437	49.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	56407	23.326	ug/l	96
3) Chloromethane	2.119	50	73484	22.256	ug/l	100
4) Vinyl Chloride	2.260	62	72314	22.765	ug/l	97
5) Bromomethane	2.650	94	39526	21.955	ug/l	90
6) Chloroethane	2.802	64	41172	21.669	ug/l	99
7) Trichlorofluoromethane	3.131	101	96752	21.534	ug/l	97
8) Diethyl Ether	3.540	74	34907	20.010	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	59184	21.597	ug/l	99
10) Methyl Iodide	4.101	142	57538	21.995	ug/l	99
11) Tert butyl alcohol	4.972	59	28415	87.767	ug/l	97
12) 1,1-Dichloroethene	3.881	96	58130	21.241	ug/l	95
13) Acrolein	3.735	56	36497	107.715	ug/l	99
14) Allyl chloride	4.491	41	106334	21.311	ug/l	99
15) Acrylonitrile	5.174	53	81551	99.414	ug/l	99
16) Acetone	3.960	43	63814	94.164	ug/l	97
17) Carbon Disulfide	4.204	76	187281	22.254	ug/l	98
18) Methyl Acetate	4.491	43	42035	19.356	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	143002	20.299	ug/l	100
20) Methylene Chloride	4.722	84	76854	20.007	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	64666	21.050	ug/l	92
22) Diisopropyl ether	6.131	45	196646	21.468	ug/l	95
23) Vinyl Acetate	6.070	43	700705	105.141	ug/l	100
24) 1,1-Dichloroethane	6.027	63	117078	21.237	ug/l	99
25) 2-Butanone	6.996	43	109652	96.224	ug/l	99
26) 2,2-Dichloropropane	6.984	77	99732	21.404	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	68896	20.466	ug/l	97
28) Bromochloromethane	7.338	49	50347	20.443	ug/l	98
29) Tetrahydrofuran	7.356	42	71583	98.770	ug/l	97
30) Chloroform	7.515	83	108941	20.839	ug/l	97
31) Cyclohexane	7.789	56	106074	21.401	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	98476	21.475	ug/l	100
36) 1,1-Dichloropropene	7.923	75	91366	21.115	ug/l	99
37) Ethyl Acetate	7.082	43	53687	18.862	ug/l	99
38) Carbon Tetrachloride	7.905	117	77990	20.710	ug/l	99
39) Methylcyclohexane	9.185	83	102699	21.487	ug/l	100
40) Benzene	8.167	78	250108	20.201	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28806	18.409	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	73026	20.431	ug/l	98
43) Isopropyl Acetate	8.283	43	97828	19.144	ug/l	99
44) Trichloroethene	8.941	130	68342	21.091	ug/l	98
45) 1,2-Dichloropropane	9.222	63	68525	21.147	ug/l	99
46) Dibromomethane	9.307	93	35985	20.794	ug/l	98
47) Bromodichloromethane	9.502	83	83948	20.662	ug/l	96
48) Methyl methacrylate	9.295	41	45453	19.550	ug/l	99
49) 1,4-Dioxane	9.313	88	8441	404.003	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	256918	95.907	ug/l	98
52) Toluene	10.246	92	155283	20.728	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	89543	19.912	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	103582	20.274	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	47364	19.691	ug/l	97
56) Ethyl methacrylate	10.514	69	65348	18.976	ug/l	96
57) 1,3-Dichloropropane	10.795	76	85518	19.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	172068	98.875	ug/l	100
59) 2-Hexanone	10.837	43	171153	94.525	ug/l	98
60) Dibromochloromethane	10.990	129	53972	19.727	ug/l	97
61) 1,2-Dibromoethane	11.093	107	45320	19.645	ug/l	99
64) Tetrachloroethene	10.721	164	65655	20.105	ug/l	96
65) Chlorobenzene	11.520	112	162350	20.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	57667	20.906	ug/l	100
67) Ethyl Benzene	11.593	91	301265	21.068	ug/l	100
68) m/p-Xylenes	11.703	106	228867	42.718	ug/l	100
69) o-Xylene	12.032	106	106023	21.251	ug/l	99
70) Styrene	12.044	104	176219	21.199	ug/l	99
71) Bromoform	12.209	173	32458	19.957	ug/l #	100
73) Isopropylbenzene	12.331	105	290836	21.504	ug/l	99
74) N-amyl acetate	12.148	43	89221	20.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	54730	20.159	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	38764m	19.751	ug/l	
77) Bromobenzene	12.611	156	62673	20.740	ug/l	97
78) n-propylbenzene	12.672	91	351399	21.555	ug/l	100
79) 2-Chlorotoluene	12.758	91	192582	21.191	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	240225	21.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20963	19.630	ug/l	97
82) 4-Chlorotoluene	12.855	91	192423	20.721	ug/l	100
83) tert-Butylbenzene	13.075	119	205931	21.819	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	236708	21.347	ug/l	99
85) sec-Butylbenzene	13.258	105	296697	21.593	ug/l	99
86) p-Isopropyltoluene	13.373	119	255640	21.689	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123685	21.501	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	120368	20.980	ug/l	99
89) n-Butylbenzene	13.696	91	243187	21.451	ug/l	99
90) Hexachloroethane	13.965	117	37123	21.220	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	105166	20.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8822	19.625	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	66497	20.833	ug/l	99
94) Hexachlorobutadiene	15.111	225	36068	21.417	ug/l	97
95) Naphthalene	15.239	128	140230	19.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	58452	20.802	ug/l	99

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

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