

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006258.D
 Acq On : 01 Oct 2021 12:42
 Operator : SY/MD
 Sample : VY1001SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:49:17 PM

Quant Time: Oct 02 02:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	156255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80507	48.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.722	113	59267	47.588	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.180%		
50) Toluene-d8	10.185	98	258556	49.605	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.483	95	88166	49.792	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	35439	22.360	ug/l	100
3) Chloromethane	2.119	50	36525	19.785	ug/l	98
4) Vinyl Chloride	2.259	62	42544	20.794	ug/l	97
5) Bromomethane	2.650	94	29875	22.468	ug/l	99
6) Chloroethane	2.802	64	25031	20.792	ug/l	93
7) Trichlorofluoromethane	3.131	101	57257	21.246	ug/l	96
8) Diethyl Ether	3.540	74	17838	20.040	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	28212	19.610	ug/l	97
10) Methyl Iodide	4.101	142	25465	16.242	ug/l	97
11) Tert butyl alcohol	4.960	59	13229	90.429	ug/l	99
12) 1,1-Dichloroethene	3.887	96	28947	19.780	ug/l	88
13) Acrolein	3.735	56	5265	65.506	ug/l	93
14) Allyl chloride	4.491	41	54604	19.402	ug/l	97
15) Acrylonitrile	5.174	53	44042	94.072	ug/l	100
16) Acetone	3.954	43	43417	92.950	ug/l	98
17) Carbon Disulfide	4.204	76	96423	19.700	ug/l	100
18) Methyl Acetate	4.491	43	30184	19.164	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	83793	19.606	ug/l	99
20) Methylene Chloride	4.729	84	34753	19.284	ug/l	86
21) trans-1,2-Dichloroethene	5.235	96	32112	19.792	ug/l	95
22) Diisopropyl ether	6.131	45	106821	19.185	ug/l	97
23) Vinyl Acetate	6.070	43	308075	92.311	ug/l	98
24) 1,1-Dichloroethane	6.033	63	57914	19.375	ug/l	98
25) 2-Butanone	6.996	43	58873	90.482	ug/l	94
26) 2,2-Dichloropropane	6.996	77	55011	20.125	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	35790	19.696	ug/l	95
28) Bromochloromethane	7.344	49	23016	18.493	ug/l	90
29) Tetrahydrofuran	7.350	42	36785	89.504	ug/l	93
30) Chloroform	7.515	83	60045	20.138	ug/l	99
31) Cyclohexane	7.789	56	58913	18.594	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	56598	20.557	ug/l	98
36) 1,1-Dichloropropene	7.923	75	46217	19.927	ug/l	98
37) Ethyl Acetate	7.082	43	25557	18.915	ug/l	99
38) Carbon Tetrachloride	7.905	117	51586	21.064	ug/l	95
39) Methylcyclohexane	9.191	83	57938	19.888	ug/l	96
40) Benzene	8.167	78	134639	20.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	14929m	17.034	ug/l	
42) 1,2-Dichloroethane	8.240	62	44843	21.151	ug/l	97
43) Isopropyl Acetate	8.277	43	49793	19.215	ug/l	96
44) Trichloroethene	8.947	130	36107	21.246	ug/l	100
45) 1,2-Dichloropropane	9.222	63	31630	19.526	ug/l	96
46) Dibromomethane	9.307	93	17153	19.886	ug/l	95
47) Bromodichloromethane	9.502	83	45695	20.574	ug/l	99
48) Methyl methacrylate	9.295	41	23258	18.708	ug/l	96
49) 1,4-Dioxane	9.301	88	3927	348.947	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	128688	95.639	ug/l	98
52) Toluene	10.246	92	83394	20.433	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	48359	19.970	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	53341	20.037	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	24823	20.452	ug/l	95
56) Ethyl methacrylate	10.514	69	35573	19.283	ug/l	93
57) 1,3-Dichloropropane	10.794	76	43904	19.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	92702	102.558	ug/l	98
59) 2-Hexanone	10.837	43	92199	96.207	ug/l	98
60) Dibromochloromethane	10.990	129	30603	20.754	ug/l	100
61) 1,2-Dibromoethane	11.093	107	22642	19.703	ug/l	99
64) Tetrachloroethene	10.721	164	39933	22.437	ug/l	98
65) Chlorobenzene	11.520	112	88094	20.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	32166	19.933	ug/l	100
67) Ethyl Benzene	11.593	91	162253	19.658	ug/l	98
68) m/p-Xylenes	11.703	106	125762	40.152	ug/l	97
69) o-Xylene	12.032	106	59494	20.112	ug/l	95
70) Styrene	12.044	104	101842	20.273	ug/l	98
71) Bromoform	12.209	173	19585	19.516	ug/l #	100
73) Isopropylbenzene	12.331	105	159473	19.664	ug/l	100
74) N-amyl acetate	12.148	43	45579	18.107	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	24908	17.006	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	23570m	21.419	ug/l	
77) Bromobenzene	12.611	156	37490	19.716	ug/l	94
78) n-propylbenzene	12.672	91	195317	19.565	ug/l	98
79) 2-Chlorotoluene	12.758	91	106760	19.326	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	134261	19.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10298	18.390	ug/l	99
82) 4-Chlorotoluene	12.855	91	112391	19.672	ug/l	99
83) tert-Butylbenzene	13.075	119	118072	20.366	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	134364	20.066	ug/l	99
85) sec-Butylbenzene	13.257	105	175269	20.005	ug/l	100
86) p-Isopropyltoluene	13.373	119	149267	20.189	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	74867	19.873	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	75128	20.225	ug/l	99
89) n-Butylbenzene	13.696	91	139907	19.915	ug/l	99
90) Hexachloroethane	13.959	117	26535	19.763	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	66359	20.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5124	18.363	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	43989	20.208	ug/l	98
94) Hexachlorobutadiene	15.111	225	28771	20.260	ug/l	98
95) Naphthalene	15.239	128	80493	18.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	37979	19.685	ug/l	99

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

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