

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY0805546.D
 Acq On : 05 Aug 2021 11:32
 Operator : SY/MD
 Sample : VY0805SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0805SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:41 PM

Quant Time: Aug 06 04:36:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	302413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	442834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	401857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	210855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	157424	51.426	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.728	113	129773	52.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.680%			
50) Toluene-d8	10.185	98	532737	51.234	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.483	95	178840	51.938	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	57321	23.078	ug/l	96
3) Chloromethane	2.119	50	66562	22.434	ug/l	98
4) Vinyl Chloride	2.259	62	80437	22.634	ug/l	97
5) Bromomethane	2.650	94	52039	22.247	ug/l	98
6) Chloroethane	2.796	64	50387	23.489	ug/l	98
7) Trichlorofluoromethane	3.131	101	105679	22.210	ug/l	100
8) Diethyl Ether	3.540	74	38568	23.208	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	60234	23.338	ug/l	98
10) Methyl Iodide	4.101	142	72826	22.649	ug/l	96
11) Tert butyl alcohol	4.966	59	35048	115.816	ug/l	97
12) 1,1-Dichloroethene	3.881	96	60100	23.060	ug/l	96
13) Acrolein	3.741	56	19658	107.667	ug/l	99
14) Allyl chloride	4.491	41	105952	23.211	ug/l	98
15) Acrylonitrile	5.174	53	97437	114.405	ug/l	98
16) Acetone	3.960	43	85228	110.428	ug/l	98
17) Carbon Disulfide	4.204	76	189299	23.563	ug/l	99
18) Methyl Acetate	4.485	43	44359	21.976	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	181313	22.457	ug/l	96
20) Methylene Chloride	4.729	84	89285	26.313	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	66081	22.679	ug/l	95
22) Diisopropyl ether	6.131	45	221605	23.532	ug/l	99
23) Vinyl Acetate	6.070	43	715198	114.121	ug/l	100
24) 1,1-Dichloroethane	6.027	63	122439	23.461	ug/l	99
25) 2-Butanone	6.996	43	112644	98.735	ug/l	99
26) 2,2-Dichloropropane	6.990	77	96936	20.330	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	66726	20.135	ug/l	97
28) Bromochloromethane	7.338	49	48354	23.214	ug/l	96
29) Tetrahydrofuran	7.362	42	74379	98.569	ug/l	98
30) Chloroform	7.515	83	106758	20.042	ug/l	97
31) Cyclohexane	7.789	56	106271	20.239	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	97459	19.904	ug/l	100
36) 1,1-Dichloropropene	7.923	75	83552	20.116	ug/l	99
37) Ethyl Acetate	7.082	43	50123	19.920	ug/l	99
38) Carbon Tetrachloride	7.905	117	88472	19.599	ug/l	98
39) Methylcyclohexane	9.185	83	104519	19.779	ug/l	98
40) Benzene	8.167	78	237435	19.963	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	27546m	20.176	ug/l	
42) 1,2-Dichloroethane	8.246	62	77531	20.096	ug/l	100
43) Isopropyl Acetate	8.277	43	95291	20.003	ug/l	100
44) Trichloroethene	8.947	130	65230	20.094	ug/l	96
45) 1,2-Dichloropropane	9.222	63	59882	20.124	ug/l	100
46) Dibromomethane	9.313	93	33135	20.139	ug/l	96
47) Bromodichloromethane	9.502	83	82146	19.949	ug/l	98
48) Methyl methacrylate	9.295	41	41900	19.462	ug/l	98
49) 1,4-Dioxane	9.307	88	9010	394.031	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	251440	100.224	ug/l	100
52) Toluene	10.246	92	150503	19.845	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	90194	19.599	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	100391	20.102	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	47736	20.052	ug/l	98
56) Ethyl methacrylate	10.514	69	71820	20.148	ug/l	99
57) 1,3-Dichloropropane	10.795	76	84428	20.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	164313	96.470	ug/l	98
59) 2-Hexanone	10.837	43	175744	99.111	ug/l	98
60) Dibromochloromethane	10.990	129	56883	19.308	ug/l	98
61) 1,2-Dibromoethane	11.093	107	44736	19.838	ug/l	100
64) Tetrachloroethene	10.721	164	60699	19.844	ug/l	100
65) Chlorobenzene	11.520	112	161263	19.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	58939	19.365	ug/l	97
67) Ethyl Benzene	11.593	91	290629	19.820	ug/l	97
68) m/p-Xylenes	11.703	106	225053	39.515	ug/l	99
69) o-Xylene	12.032	106	107850	19.702	ug/l	100
70) Styrene	12.044	104	183935	19.962	ug/l	99
71) Bromoform	12.209	173	39010	19.764	ug/l #	99
73) Isopropylbenzene	12.331	105	285151	19.374	ug/l	99
74) N-amyl acetate	12.148	43	86308	19.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	55848	19.728	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40267m	18.428	ug/l	
77) Bromobenzene	12.611	156	70500	19.496	ug/l	97
78) n-propylbenzene	12.672	91	347112	19.857	ug/l	99
79) 2-Chlorotoluene	12.758	91	192017	19.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	241050	19.734	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21395	19.738	ug/l	96
82) 4-Chlorotoluene	12.855	91	199762	19.669	ug/l	99
83) tert-Butylbenzene	13.075	119	207684	18.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	236936	19.659	ug/l	99
85) sec-Butylbenzene	13.251	105	310566	19.645	ug/l	100
86) p-Isopropyltoluene	13.373	119	264016	19.452	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	136213	19.305	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	136697	19.529	ug/l	98
89) n-Butylbenzene	13.696	91	243410	19.795	ug/l	100
90) Hexachloroethane	13.959	117	47759	19.571	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	121272	19.458	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10327	19.244	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	85750	20.029	ug/l	99
94) Hexachlorobutadiene	15.111	225	53755	19.392	ug/l	99
95) Naphthalene	15.239	128	165470	19.607	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75412	19.883	ug/l	100

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

