

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY0805547.D
 Acq On : 05 Aug 2021 11:55
 Operator : SY/MD
 Sample : VY0805SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0805SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:42 PM

Quant Time: Aug 06 04:37:08 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	301367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	442222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	402993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154969	50.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.728	113	125759	50.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.185	98	515275	49.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.483	95	174414	50.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52408	21.173	ug/l	95
3) Chloromethane	2.119	50	59136	20.001	ug/l	98
4) Vinyl Chloride	2.260	62	70972	20.040	ug/l	100
5) Bromomethane	2.644	94	47319	20.299	ug/l	100
6) Chloroethane	2.796	64	45169	21.130	ug/l	98
7) Trichlorofluoromethane	3.131	101	96841	20.423	ug/l	97
8) Diethyl Ether	3.540	74	34391	20.766	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	54747	21.286	ug/l	98
10) Methyl Iodide	4.101	142	64990	20.282	ug/l	98
11) Tert butyl alcohol	4.966	59	34931	115.830	ug/l	97
12) 1,1-Dichloroethene	3.881	96	53407	20.563	ug/l	99
13) Acrolein	3.741	56	17545	96.427	ug/l	96
14) Allyl chloride	4.491	41	96285	21.167	ug/l	98
15) Acrylonitrile	5.174	53	89908	105.931	ug/l	100
16) Acetone	3.960	43	78868	102.542	ug/l	100
17) Carbon Disulfide	4.198	76	167354	20.903	ug/l	99
18) Methyl Acetate	4.491	43	41578	20.670	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	167008	20.757	ug/l	100
20) Methylene Chloride	4.729	84	82697	23.969	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	59750	20.577	ug/l	96
22) Diisopropyl ether	6.131	45	196186	20.905	ug/l	99
23) Vinyl Acetate	6.070	43	665041	106.486	ug/l	99
24) 1,1-Dichloroethane	6.027	63	108803	20.921	ug/l	99
25) 2-Butanone	6.997	43	119637	105.229	ug/l	98
26) 2,2-Dichloropropane	6.990	77	97988	20.622	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	66290	20.073	ug/l	96
28) Bromochloromethane	7.344	49	50898	24.520	ug/l	98
29) Tetrahydrofuran	7.356	42	80222	106.681	ug/l	99
30) Chloroform	7.515	83	108606	20.460	ug/l	100
31) Cyclohexane	7.789	56	108191	20.676	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	98980	20.284	ug/l	100
36) 1,1-Dichloropropene	7.923	75	83715	20.183	ug/l	100
37) Ethyl Acetate	7.082	43	54626	21.740	ug/l	99
38) Carbon Tetrachloride	7.905	117	90777	20.137	ug/l	97
39) Methylcyclohexane	9.185	83	106330	20.150	ug/l	98
40) Benzene	8.167	78	243248	20.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	29478m	21.621	ug/l	
42) 1,2-Dichloroethane	8.246	62	79305	20.584	ug/l	99
43) Isopropyl Acetate	8.283	43	99625	20.942	ug/l	100
44) Trichloroethene	8.947	130	65029	20.060	ug/l	97
45) 1,2-Dichloropropane	9.222	63	61479	20.690	ug/l	99
46) Dibromomethane	9.307	93	33417	20.339	ug/l	98
47) Bromodichloromethane	9.502	83	83320	20.262	ug/l	100
48) Methyl methacrylate	9.295	41	45356	21.096	ug/l	96
49) 1,4-Dioxane	9.307	88	9886	432.940	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	268519	107.180	ug/l	100
52) Toluene	10.246	92	153621	20.284	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	93953	20.445	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	103247	20.702	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	49355	20.761	ug/l	98
56) Ethyl methacrylate	10.514	69	74595	20.955	ug/l	100
57) 1,3-Dichloropropane	10.795	76	87212	20.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	176152	103.564	ug/l	99
59) 2-Hexanone	10.837	43	188395	106.393	ug/l	100
60) Dibromochloromethane	10.990	129	59122	20.096	ug/l	99
61) 1,2-Dibromoethane	11.093	107	46732	20.752	ug/l	99
64) Tetrachloroethene	10.721	164	61730	20.124	ug/l	97
65) Chlorobenzene	11.520	112	163882	20.209	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	60976	19.977	ug/l	99
67) Ethyl Benzene	11.593	91	295022	20.062	ug/l	99
68) m/p-Xylenes	11.703	106	229840	40.241	ug/l	99
69) o-Xylene	12.032	106	109510	19.949	ug/l	100
70) Styrene	12.044	104	185705	20.097	ug/l	99
71) Bromoform	12.209	173	40138	20.278	ug/l	98
73) Isopropylbenzene	12.331	105	288932	19.526	ug/l	99
74) N-amyl acetate	12.142	43	92722	20.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	58600	20.590	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40703m	18.529	ug/l	
77) Bromobenzene	12.611	156	71675	19.716	ug/l	96
78) n-propylbenzene	12.672	91	351080	19.977	ug/l	100
79) 2-Chlorotoluene	12.758	91	196533	19.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	245194	19.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22561	20.703	ug/l	96
82) 4-Chlorotoluene	12.855	91	201166	19.701	ug/l	100
83) tert-Butylbenzene	13.075	119	216110	19.612	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	241848	19.959	ug/l	99
85) sec-Butylbenzene	13.251	105	319527	20.104	ug/l	100
86) p-Isopropyltoluene	13.367	119	269554	19.754	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	140045	19.743	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	140570	19.976	ug/l	99
89) n-Butylbenzene	13.697	91	251299	20.328	ug/l	100
90) Hexachloroethane	13.959	117	48315	19.694	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	125697	20.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10932	20.262	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	86963	20.205	ug/l	99
94) Hexachlorobutadiene	15.111	225	55667	19.975	ug/l	98
95) Naphthalene	15.239	128	172766	20.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	76162	19.973	ug/l	98

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

