

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005984.D
 Acq On : 10 Sep 2021 15:44
 Operator : SY/MD
 Sample : VY0910SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 7:35:09 PM

Quant Time: Sep 11 01:20:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	301707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	422387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	388904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120607	39.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.340%
35) Dibromofluoromethane	7.722	113	113977	48.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.100%
50) Toluene-d8	10.185	98	463448	46.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.483	95	159757	47.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	55684	20.670	ug/l	100
3) Chloromethane	2.119	50	50998	17.874	ug/l	99
4) Vinyl Chloride	2.259	62	67558	18.217	ug/l	100
5) Bromomethane	2.650	94	51413	20.547	ug/l	92
6) Chloroethane	2.796	64	40981	18.480	ug/l	96
7) Trichlorofluoromethane	3.131	101	98057	20.699	ug/l	99
8) Diethyl Ether	3.540	74	28866	17.901	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	52409	20.546	ug/l	97
10) Methyl Iodide	4.107	142	54111	16.880	ug/l	96
11) Tert butyl alcohol	4.960	59	43618	72.956	ug/l	98
12) 1,1-Dichloroethene	3.881	96	50813	19.620	ug/l	98
13) Acrolein	3.747	56	9541	71.551	ug/l	99
14) Allyl chloride	4.485	41	74539	17.113	ug/l	94
15) Acrylonitrile	5.173	53	65865	80.765	ug/l	99
16) Acetone	3.954	43	61989	79.960	ug/l	98
17) Carbon Disulfide	4.204	76	156899	18.967	ug/l	99
18) Methyl Acetate	4.485	43	32147	14.935	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	137508	17.686	ug/l	99
20) Methylene Chloride	4.728	84	68258	20.031	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	56005	19.381	ug/l	99
22) Diisopropyl ether	6.125	45	156094	17.638	ug/l	98
23) Vinyl Acetate	6.070	43	448651	83.540	ug/l	98
24) 1,1-Dichloroethane	6.021	63	94045	18.630	ug/l	98
25) 2-Butanone	6.990	43	87687	80.065	ug/l	98
26) 2,2-Dichloropropane	6.990	77	88185	18.671	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	61866	19.053	ug/l	96
28) Bromochloromethane	7.338	49	36618	17.596	ug/l	95
29) Tetrahydrofuran	7.356	42	55141	77.705	ug/l	96
30) Chloroform	7.515	83	95497	18.435	ug/l	97
31) Cyclohexane	7.789	56	93561	18.245	ug/l #	88
32) 1,1,1-Trichloroethane	7.710	97	90294	18.721	ug/l	97
36) 1,1-Dichloropropene	7.923	75	78467	19.731	ug/l	99
37) Ethyl Acetate	7.082	43	38595	16.205	ug/l	95
38) Carbon Tetrachloride	7.905	117	83942	19.473	ug/l	100
39) Methylcyclohexane	9.185	83	98767	19.608	ug/l	97
40) Benzene	8.167	78	218046	19.407	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22212m	16.747	ug/l	
42) 1,2-Dichloroethane	8.240	62	63145	17.302	ug/l	98
43) Isopropyl Acetate	8.277	43	71420	16.510	ug/l	94
44) Trichloroethene	8.941	130	64216	20.380	ug/l	98
45) 1,2-Dichloropropane	9.222	63	53461	19.392	ug/l	99
46) Dibromomethane	9.307	93	30376	19.146	ug/l	97
47) Bromodichloromethane	9.502	83	75398	19.555	ug/l	99
48) Methyl methacrylate	9.295	41	32274	16.232	ug/l	92
49) 1,4-Dioxane	9.301	88	7758	355.063	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	190789	81.855	ug/l	96
52) Toluene	10.246	92	140891	19.457	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	79264	18.540	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	89257	19.028	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	44738	19.688	ug/l	96
56) Ethyl methacrylate	10.514	69	60577	18.417	ug/l	90
57) 1,3-Dichloropropane	10.794	76	74993	19.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	155810	91.772	ug/l	98
59) 2-Hexanone	10.837	43	135838	83.419	ug/l	95
60) Dibromochloromethane	10.990	129	55659	19.950	ug/l	98
61) 1,2-Dibromoethane	11.093	107	42630	19.694	ug/l	98
64) Tetrachloroethene	10.721	164	65676	20.625	ug/l	99
65) Chlorobenzene	11.520	112	153943	19.728	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	57648	19.734	ug/l	98
67) Ethyl Benzene	11.593	91	273609	19.614	ug/l	98
68) m/p-Xylenes	11.703	106	216650	39.385	ug/l	98
69) o-Xylene	12.032	106	101435	19.641	ug/l	98
70) Styrene	12.044	104	172001	19.525	ug/l	98
71) Bromoform	12.209	173	36989	19.206	ug/l #	98
73) Isopropylbenzene	12.331	105	271229	19.695	ug/l	100
74) N-amyl acetate	12.148	43	66206	16.756	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	50097	19.115	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	34905m	18.050	ug/l	
77) Bromobenzene	12.611	156	68593	19.775	ug/l	96
78) n-propylbenzene	12.672	91	326030	19.809	ug/l	100
79) 2-Chlorotoluene	12.758	91	181114	19.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	226441	19.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18929	18.615	ug/l	92
82) 4-Chlorotoluene	12.855	91	187150	19.469	ug/l	99
83) tert-Butylbenzene	13.075	119	204577	20.285	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	222953	19.480	ug/l	100
85) sec-Butylbenzene	13.257	105	298902	20.109	ug/l	99
86) p-Isopropyltoluene	13.373	119	251771	19.548	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	134823	19.976	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	133052	19.736	ug/l	99
89) n-Butylbenzene	13.696	91	227246	19.720	ug/l	99
90) Hexachloroethane	13.965	117	47315	20.243	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	118502	19.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8383	17.055	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	81816	20.253	ug/l	99
94) Hexachlorobutadiene	15.111	225	54834	21.072	ug/l	100
95) Naphthalene	15.239	128	147014	18.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	72454	20.544	ug/l	98

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

