

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005969.D
 Acq On : 09 Sep 2021 11:12
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:39:10 PM

Quant Time: Sep 10 04:44:17 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	253515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	357870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	336746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	118027	46.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.400%
35) Dibromofluoromethane	7.721	113	107907	53.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.380%
50) Toluene-d8	10.184	98	437973	51.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.483	95	151885	53.627	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	51664	22.824	ug/l	97
3) Chloromethane	2.119	50	48214	20.110	ug/l	97
4) Vinyl Chloride	2.259	62	61305	19.673	ug/l	98
5) Bromomethane	2.643	94	44980	21.394	ug/l	92
6) Chloroethane	2.796	64	33277	17.859	ug/l	99
7) Trichlorofluoromethane	3.131	101	80849	20.311	ug/l	97
8) Diethyl Ether	3.533	74	27038	19.954	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	45661	21.303	ug/l	99
10) Methyl Iodide	4.100	142	45428	16.865	ug/l	96
11) Tert butyl alcohol	4.935	59	50480	100.484	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	44905	20.635	ug/l	92
13) Acrolein	3.734	56	9779	96.961	ug/l	98
14) Allyl chloride	4.490	41	68216	18.639	ug/l	97
15) Acrylonitrile	5.167	53	65865	96.118	ug/l	100
16) Acetone	3.954	43	63234	97.072	ug/l	97
17) Carbon Disulfide	4.198	76	140151	20.163	ug/l	99
18) Methyl Acetate	4.484	43	33179	18.345	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	130918	20.039	ug/l	99
20) Methylene Chloride	4.728	84	57622	20.151	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	50500	20.798	ug/l	99
22) Diisopropyl ether	6.124	45	145699	19.593	ug/l	97
23) Vinyl Acetate	6.069	43	429480	95.173	ug/l	99
24) 1,1-Dichloroethane	6.021	63	84865	20.007	ug/l	99
25) 2-Butanone	6.990	43	89672	97.442	ug/l	95
26) 2,2-Dichloropropane	6.990	77	79712	20.086	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	56356	20.655	ug/l	96
28) Bromochloromethane	7.337	49	32113	18.365	ug/l	91
29) Tetrahydrofuran	7.356	42	56717	95.119	ug/l	98
30) Chloroform	7.508	83	89174	20.487	ug/l	97
31) Cyclohexane	7.789	56	82403	19.124	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	83724	20.658	ug/l	98
36) 1,1-Dichloropropene	7.923	75	69394	20.595	ug/l	99
37) Ethyl Acetate	7.075	43	39677	19.663	ug/l	99
38) Carbon Tetrachloride	7.904	117	77178	21.132	ug/l	99
39) Methylcyclohexane	9.185	83	88319	20.695	ug/l	98
40) Benzene	8.167	78	199058	20.911	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23701m	21.092	ug/l	
42) 1,2-Dichloroethane	8.240	62	60323	19.508	ug/l	98
43) Isopropyl Acetate	8.276	43	71817	19.594	ug/l	98
44) Trichloroethene	8.941	130	58179	21.793	ug/l	99
45) 1,2-Dichloropropane	9.221	63	48454	20.744	ug/l	98
46) Dibromomethane	9.307	93	28972	21.553	ug/l	98
47) Bromodichloromethane	9.502	83	69206	21.185	ug/l	100
48) Methyl methacrylate	9.294	41	31678	18.805	ug/l	94
49) 1,4-Dioxane	9.300	88	7576	409.242	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	193518	97.993	ug/l	97
52) Toluene	10.245	92	129345	21.083	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	74582	20.590	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	84137	21.170	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	42026	21.828	ug/l	96
56) Ethyl methacrylate	10.514	69	58488	20.987	ug/l	93
57) 1,3-Dichloropropane	10.794	76	71079	21.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	147433	102.493	ug/l	98
59) 2-Hexanone	10.837	43	139384	101.029	ug/l	96
60) Dibromochloromethane	10.989	129	52284	22.119	ug/l	100
61) 1,2-Dibromoethane	11.093	107	40576	22.124	ug/l	99
64) Tetrachloroethene	10.721	164	59643	21.632	ug/l	98
65) Chlorobenzene	11.520	112	141219	20.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	53741	21.246	ug/l	98
67) Ethyl Benzene	11.593	91	250743	20.759	ug/l	100
68) m/p-Xylenes	11.702	106	197343	41.432	ug/l	100
69) o-Xylene	12.032	106	94893	21.220	ug/l	98
70) Styrene	12.044	104	157321	20.625	ug/l	99
71) Bromoform	12.209	173	36786	22.059	ug/l #	100
73) Isopropylbenzene	12.330	105	246006	20.399	ug/l	99
74) N-amyl acetate	12.148	43	65348	18.887	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.586	83	47984	20.908	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	33020m	19.499	ug/l	
77) Bromobenzene	12.611	156	63532	20.916	ug/l	97
78) n-propylbenzene	12.672	91	296824	20.595	ug/l	100
79) 2-Chlorotoluene	12.757	91	168606	21.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	208310	20.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	17874	20.073	ug/l	95
82) 4-Chlorotoluene	12.855	91	172878	20.537	ug/l	99
83) tert-Butylbenzene	13.074	119	182386	20.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	205676	20.522	ug/l	99
85) sec-Butylbenzene	13.257	105	271636	20.869	ug/l	100
86) p-Isopropyltoluene	13.373	119	230028	20.395	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	125108	21.168	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	125224	21.211	ug/l	100
89) n-Butylbenzene	13.696	91	207853	20.597	ug/l	100
90) Hexachloroethane	13.958	117	41647	20.347	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	112635	21.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8824	20.500	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	76855	21.726	ug/l	99
94) Hexachlorobutadiene	15.110	225	50232	22.044	ug/l	99
95) Naphthalene	15.238	128	145254	21.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	67282	21.785	ug/l	99

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

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