

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006253.D
 Acq On : 01 Oct 2021 10:45
 Operator : SY/MD
 Sample : VY1001SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1001SBS01

Manual Integrations
 APPROVED

MMDadoda

10/4/2021 5:49:14 PM

Quant Time: Oct 02 02:09:36 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	7.795	168	153581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	232126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78666	47.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.720%
35) Dibromofluoromethane	7.722	113	60048	48.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.185	98	253710	48.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.483	95	85977	48.762	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30883	19.824	ug/l	98
3) Chloromethane	2.119	50	34607	19.073	ug/l	100
4) Vinyl Chloride	2.259	62	42007	20.889	ug/l	98
5) Bromomethane	2.650	94	29758	22.769	ug/l	98
6) Chloroethane	2.796	64	25807	21.810	ug/l	99
7) Trichlorofluoromethane	3.131	101	56080	21.172	ug/l	97
8) Diethyl Ether	3.534	74	17305	19.780	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	28623	20.242	ug/l	96
10) Methyl Iodide	4.101	142	23484	15.239	ug/l	96
11) Tert butyl alcohol	4.954	59	12252	85.209	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	27917	19.408	ug/l	91
13) Acrolein	3.735	56	5478	68.260	ug/l	97
14) Allyl chloride	4.485	41	52354	18.926	ug/l	97
15) Acrylonitrile	5.167	53	42004	91.281	ug/l	99
16) Acetone	3.954	43	40886	89.056	ug/l	95
17) Carbon Disulfide	4.204	76	94962	19.739	ug/l	100
18) Methyl Acetate	4.485	43	27830	17.977	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	79854	19.010	ug/l	98
20) Methylene Chloride	4.722	84	31472	17.449	ug/l	85
21) trans-1,2-Dichloroethene	5.228	96	31035	19.461	ug/l	95
22) Diisopropyl ether	6.125	45	102815	18.787	ug/l	96
23) Vinyl Acetate	6.070	43	295445	90.068	ug/l	97
24) 1,1-Dichloroethane	6.027	63	56447	19.213	ug/l	98
25) 2-Butanone	6.990	43	55907	87.420	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	53917	20.068	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	34335	19.224	ug/l	95
28) Bromochloromethane	7.338	49	24191	19.776	ug/l #	93
29) Tetrahydrofuran	7.350	42	34755	86.037	ug/l	92
30) Chloroform	7.515	83	57487	19.615	ug/l	99
31) Cyclohexane	7.789	56	57594	18.494	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	54696	20.212	ug/l	99
36) 1,1-Dichloropropene	7.923	75	45000	19.485	ug/l	96
37) Ethyl Acetate	7.076	43	24627	18.304	ug/l	98
38) Carbon Tetrachloride	7.905	117	50787	20.825	ug/l	96
39) Methylcyclohexane	9.185	83	56243	19.388	ug/l	98
40) Benzene	8.161	78	131334	20.044	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15749m	18.046	ug/l	
42) 1,2-Dichloroethane	8.240	62	43448	20.580	ug/l	98
43) Isopropyl Acetate	8.277	43	47114	18.258	ug/l	95
44) Trichloroethene	8.947	130	34441	20.352	ug/l	98
45) 1,2-Dichloropropane	9.215	63	30841	19.119	ug/l	94
46) Dibromomethane	9.307	93	16948	19.732	ug/l	98
47) Bromodichloromethane	9.502	83	44488	20.116	ug/l	98
48) Methyl methacrylate	9.295	41	21789	17.601	ug/l	94
49) 1,4-Dioxane	9.307	88	4009	357.742	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	120973	90.286	ug/l	96
52) Toluene	10.246	92	82706	20.350	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	46373	19.231	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	51627	19.475	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	23498	19.442	ug/l	97
56) Ethyl methacrylate	10.514	69	34439	18.747	ug/l	92
57) 1,3-Dichloropropane	10.794	76	42585	19.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	86001	95.547	ug/l	97
59) 2-Hexanone	10.837	43	87931	92.142	ug/l	96
60) Dibromochloromethane	10.983	129	30066	20.476	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22135	19.343	ug/l	100
64) Tetrachloroethene	10.721	164	39564	22.656	ug/l	98
65) Chlorobenzene	11.520	112	84891	19.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31600	19.959	ug/l	98
67) Ethyl Benzene	11.593	91	158752	19.603	ug/l	100
68) m/p-Xylenes	11.703	106	122831	39.970	ug/l	98
69) o-Xylene	12.032	106	58100	20.018	ug/l	96
70) Styrene	12.044	104	98221	19.928	ug/l	99
71) Bromoform	12.209	173	19616	19.923	ug/l #	97
73) Isopropylbenzene	12.331	105	155396	19.343	ug/l	99
74) N-amyl acetate	12.142	43	43464	17.430	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	24231	16.700	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	18481m	16.954	ug/l	
77) Bromobenzene	12.611	156	37269	19.786	ug/l	93
78) n-propylbenzene	12.672	91	188886	19.100	ug/l	99
79) 2-Chlorotoluene	12.758	91	104528	19.101	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	131973	19.646	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10092	18.193	ug/l	96
82) 4-Chlorotoluene	12.855	91	110031	19.441	ug/l	100
83) tert-Butylbenzene	13.075	119	111522	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	130417	19.661	ug/l	100
85) sec-Butylbenzene	13.251	105	171284	19.735	ug/l	99
86) p-Isopropyltoluene	13.367	119	145968	19.930	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	74739	20.027	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	74050	20.124	ug/l	100
89) n-Butylbenzene	13.696	91	133709	19.213	ug/l	99
90) Hexachloroethane	13.965	117	25505	19.176	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	65836	20.174	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5061	18.309	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	42072	19.510	ug/l	99
94) Hexachlorobutadiene	15.111	225	28465	20.234	ug/l	99
95) Naphthalene	15.239	128	76697	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	36842	19.276	ug/l	99

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

