

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004957.D
 Acq On : 04 Jun 2021 12:24
 Operator : SY/MD
 Sample : VY0604SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0604SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:50:33 PM

Quant Time: Jun 05 01:31:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	249874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	416920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	378186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135163	51.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.340%	
35) Dibromofluoromethane	7.722	113	115278	51.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.185	98	474051	50.887	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.483	95	158021	49.322	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	48009	21.158	ug/l	97
3) Chloromethane	2.119	50	69408	22.402	ug/l	99
4) Vinyl Chloride	2.253	62	66650	22.360	ug/l	97
5) Bromomethane	2.650	94	37850	22.405	ug/l	94
6) Chloroethane	2.796	64	39730	22.284	ug/l	99
7) Trichlorofluoromethane	3.131	101	85937	20.384	ug/l	97
8) Diethyl Ether	3.534	74	32327	19.749	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	51769	20.133	ug/l	98
10) Methyl Iodide	4.095	142	51976	21.174	ug/l	97
11) Tert butyl alcohol	4.966	59	27962	92.044	ug/l #	74
12) 1,1-Dichloroethene	3.881	96	51007	19.863	ug/l	100
13) Acrolein	3.741	56	33028	102.692	ug/l	100
14) Allyl chloride	4.485	41	97244	20.769	ug/l	98
15) Acrylonitrile	5.174	53	78837	102.421	ug/l	99
16) Acetone	3.954	43	63418	99.729	ug/l	98
17) Carbon Disulfide	4.204	76	159553	20.205	ug/l	99
18) Methyl Acetate	4.491	43	40725	19.985	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	134420	20.335	ug/l	95
20) Methylene Chloride	4.723	84	71227	19.678	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	56947	19.756	ug/l	98
22) Diisopropyl ether	6.131	45	184881	21.510	ug/l	99
23) Vinyl Acetate	6.070	43	674410	107.846	ug/l	98
24) 1,1-Dichloroethane	6.027	63	107562	20.793	ug/l	99
25) 2-Butanone	6.997	43	110279	103.133	ug/l	99
26) 2,2-Dichloropropane	6.990	77	88893	20.331	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	63004	19.945	ug/l	96
28) Bromochloromethane	7.344	49	51068	22.098	ug/l	94
29) Tetrahydrofuran	7.362	42	70849	104.181	ug/l	97
30) Chloroform	7.515	83	103437	21.087	ug/l	95
31) Cyclohexane	7.789	56	95033	20.433	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	89828	20.876	ug/l	100
36) 1,1-Dichloropropene	7.923	75	83993	20.585	ug/l	99
37) Ethyl Acetate	7.082	43	54242	20.209	ug/l	98
38) Carbon Tetrachloride	7.905	117	71516	20.140	ug/l	99
39) Methylcyclohexane	9.185	83	89744	19.912	ug/l	99
40) Benzene	8.167	78	243906	20.892	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	27225	18.451	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	71060	21.083	ug/l	99
43) Isopropyl Acetate	8.283	43	97267	20.186	ug/l	100
44) Trichloroethene	8.947	130	63098	20.650	ug/l	99
45) 1,2-Dichloropropane	9.222	63	63690	20.844	ug/l	100
46) Dibromomethane	9.313	93	33221	20.358	ug/l	99
47) Bromodichloromethane	9.502	83	80425	20.992	ug/l	97
48) Methyl methacrylate	9.295	41	44396	20.250	ug/l	99
49) 1,4-Dioxane	9.313	88	7161	363.470	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	259028	102.543	ug/l	98
52) Toluene	10.246	92	149015	21.094	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	86982	20.512	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	99993	20.755	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	46678	20.579	ug/l	99
56) Ethyl methacrylate	10.514	69	65180	20.072	ug/l	95
57) 1,3-Dichloropropane	10.795	76	83904	20.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	170721	104.034	ug/l	100
59) 2-Hexanone	10.837	43	176841	103.574	ug/l	97
60) Dibromochloromethane	10.990	129	52743	20.444	ug/l	99
61) 1,2-Dibromoethane	11.093	107	44654	20.527	ug/l	99
64) Tetrachloroethene	10.721	164	64078	20.263	ug/l	99
65) Chlorobenzene	11.520	112	153594	20.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53499	20.028	ug/l	97
67) Ethyl Benzene	11.593	91	283067	20.442	ug/l	100
68) m/p-Xylenes	11.703	106	209560	40.391	ug/l	99
69) o-Xylene	12.032	106	99130	20.517	ug/l	98
70) Styrene	12.044	104	164324	20.413	ug/l	99
71) Bromoform	12.209	173	31051	19.715	ug/l #	99
73) Isopropylbenzene	12.331	105	263148	20.204	ug/l	100
74) N-amyl acetate	12.148	43	86288	20.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	52728	20.167	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36831m	19.487	ug/l	
77) Bromobenzene	12.611	156	59610	20.484	ug/l	98
78) n-propylbenzene	12.672	91	323130	20.583	ug/l	100
79) 2-Chlorotoluene	12.758	91	178083	20.348	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	218656	20.350	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19833	19.285	ug/l	94
82) 4-Chlorotoluene	12.855	91	183452	20.513	ug/l	100
83) tert-Butylbenzene	13.075	119	182339	20.062	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	219230	20.531	ug/l	100
85) sec-Butylbenzene	13.251	105	270382	20.434	ug/l	99
86) p-Isopropyltoluene	13.367	119	230631	20.319	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	114004	20.579	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	111097	20.108	ug/l	97
89) n-Butylbenzene	13.697	91	223670	20.488	ug/l	99
90) Hexachloroethane	13.959	117	33679	19.991	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	101911	20.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8101	18.713	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	61023	19.852	ug/l	100
94) Hexachlorobutadiene	15.111	225	32947	20.316	ug/l	99
95) Naphthalene	15.239	128	134850	19.955	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	53581	19.800	ug/l	99

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

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