

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004985.D
 Acq On : 07 Jun 2021 12:16
 Operator : SY/MD
 Sample : VY0607SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0607SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 2:58:48 PM

Quant Time: Jun 08 02:07:38 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	7.795	168	248228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	415048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	376561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	126667	48.269	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.540%
35) Dibromofluoromethane	7.722	113	112720	50.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.185	98	460330	49.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.483	95	149898	46.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48757	21.630	ug/l	99
3) Chloromethane	2.119	50	66222	21.516	ug/l	98
4) Vinyl Chloride	2.259	62	63115	21.315	ug/l	99
5) Bromomethane	2.649	94	33328	19.859	ug/l	94
6) Chloroethane	2.796	64	35720	20.168	ug/l	99
7) Trichlorofluoromethane	3.131	101	85117	20.323	ug/l	95
8) Diethyl Ether	3.533	74	33490	20.595	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	51239	20.059	ug/l	99
10) Methyl Iodide	4.100	142	52116	21.372	ug/l	100
11) Tert butyl alcohol	4.966	59	25055	83.021	ug/l	96
12) 1,1-Dichloroethene	3.881	96	51753	20.287	ug/l	96
13) Acrolein	3.741	56	31774	98.390	ug/l	98
14) Allyl chloride	4.484	41	95529	20.538	ug/l	99
15) Acrylonitrile	5.173	53	75809	99.140	ug/l	98
16) Acetone	3.960	43	60018	95.008	ug/l	96
17) Carbon Disulfide	4.198	76	161419	20.576	ug/l	98
18) Methyl Acetate	4.484	43	39591	19.557	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	128851	19.621	ug/l	98
20) Methylene Chloride	4.728	84	69239	19.111	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	57653	20.133	ug/l	94
22) Diisopropyl ether	6.124	45	180426	21.131	ug/l	98
23) Vinyl Acetate	6.069	43	640933	103.172	ug/l	98
24) 1,1-Dichloroethane	6.027	63	105485	20.527	ug/l	98
25) 2-Butanone	6.996	43	105411	99.234	ug/l	96
26) 2,2-Dichloropropane	6.990	77	85769	19.747	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	64536	20.566	ug/l	100
28) Bromochloromethane	7.344	49	47913	20.871	ug/l	96
29) Tetrahydrofuran	7.356	42	66669	98.685	ug/l	96
30) Chloroform	7.514	83	101594	20.848	ug/l	95
31) Cyclohexane	7.789	56	92832	20.092	ug/l	92
32) 1,1,1-Trichloroethane	7.709	97	87899	20.563	ug/l	100
36) 1,1-Dichloropropene	7.923	75	82579	20.330	ug/l	98
37) Ethyl Acetate	7.081	43	50205	18.790	ug/l	98
38) Carbon Tetrachloride	7.905	117	69459	19.649	ug/l	97
39) Methylcyclohexane	9.185	83	88112	19.638	ug/l	99
40) Benzene	8.167	78	239802	20.633	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27467	18.699	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	68196	20.325	ug/l	99
43) Isopropyl Acetate	8.276	43	92119	19.204	ug/l	99
44) Trichloroethene	8.941	130	62588	20.576	ug/l	95
45) 1,2-Dichloropropane	9.221	63	62436	20.526	ug/l	96
46) Dibromomethane	9.307	93	32536	20.028	ug/l	99
47) Bromodichloromethane	9.496	83	77081	20.210	ug/l	99
48) Methyl methacrylate	9.294	41	41233	18.892	ug/l	99
49) 1,4-Dioxane	9.307	88	6941	353.892	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	244882	97.380	ug/l	100
52) Toluene	10.246	92	146221	20.792	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	84873	20.105	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	99457	20.737	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	45954	20.352	ug/l	98
56) Ethyl methacrylate	10.514	69	62961	19.477	ug/l	98
57) 1,3-Dichloropropane	10.794	76	81521	20.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	165779	101.478	ug/l	100
59) 2-Hexanone	10.837	43	163057	95.931	ug/l	99
60) Dibromochloromethane	10.989	129	52517	20.448	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42979	19.846	ug/l	99
64) Tetrachloroethene	10.721	164	63578	20.191	ug/l	97
65) Chlorobenzene	11.520	112	150661	20.193	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	54239	20.392	ug/l	99
67) Ethyl Benzene	11.593	91	272647	19.774	ug/l	99
68) m/p-Xylenes	11.703	106	207384	40.144	ug/l	100
69) o-Xylene	12.032	106	96557	20.071	ug/l	99
70) Styrene	12.044	104	161403	20.137	ug/l	99
71) Bromoform	12.209	173	30145	19.222	ug/l #	99
73) Isopropylbenzene	12.331	105	256663	19.855	ug/l	99
74) N-amyl acetate	12.148	43	81872	19.630	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	50371	19.411	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	36202m	19.299	ug/l	
77) Bromobenzene	12.611	156	58367	20.208	ug/l	98
78) n-propylbenzene	12.672	91	317024	20.346	ug/l	100
79) 2-Chlorotoluene	12.757	91	174873	20.132	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	215668	20.224	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	19478	19.083	ug/l	96
82) 4-Chlorotoluene	12.855	91	181290	20.425	ug/l	99
83) tert-Butylbenzene	13.074	119	183557	20.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	213740	20.168	ug/l	99
85) sec-Butylbenzene	13.257	105	264801	20.163	ug/l	99
86) p-Isopropyltoluene	13.373	119	227453	20.190	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	113063	20.564	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	112170	20.455	ug/l	99
89) n-Butylbenzene	13.696	91	221380	20.431	ug/l	98
90) Hexachloroethane	13.964	117	33928	20.291	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	100254	20.637	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7907	18.403	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	60840	19.942	ug/l	99
94) Hexachlorobutadiene	15.117	225	32969	20.483	ug/l	97
95) Naphthalene	15.239	128	127703	19.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	52591	19.581	ug/l	98

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

