

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005172.D
 Acq On : 17 Jun 2021 21:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/18/2021 2:22:42 PM

Quant Time: Jun 18 03:06:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	135247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62016	47.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.840%
35) Dibromofluoromethane	7.728	113	53847	56.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.820%
50) Toluene-d8	10.185	98	206657	44.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.483	95	72477	46.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91965	61.547	ug/l	100
3) Chloromethane	2.119	50	43127	27.991	ug/l	96
4) Vinyl Chloride	2.259	62	48376	32.705	ug/l	98
5) Bromomethane	2.656	94	31038	36.767	ug/l	96
6) Chloroethane	2.802	64	27201	32.352	ug/l	97
7) Trichlorofluoromethane	3.131	101	122078	49.375	ug/l	99
8) Diethyl Ether	3.534	74	24582	30.580	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.905	101	52687	39.362	ug/l	94
10) Methyl Iodide	4.100	142	62132	41.299	ug/l #	85
11) Tert butyl alcohol	4.966	59	19789	157.823	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	49888	38.043	ug/l	97
13) Acrolein	3.735	56	15100	118.594	ug/l	98
14) Allyl chloride	4.497	41	56273	30.793	ug/l #	76
15) Acrylonitrile	5.180	53	48897	135.548	ug/l	97
16) Acetone	3.960	43	37046	139.281	ug/l	92
17) Carbon Disulfide	4.204	76	144277	36.930	ug/l	100
18) Methyl Acetate	4.485	43	18794	24.074	ug/l	91
19) Methyl tert-butyl Ether	5.234	73	142658	39.790	ug/l	93
20) Methylene Chloride	4.728	84	56536	36.985	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	58852	41.638	ug/l	94
22) Diisopropyl ether	6.131	45	155022	41.914	ug/l	90
23) Vinyl Acetate	6.070	43	481105	197.196	ug/l	99
24) 1,1-Dichloroethane	6.033	63	112761	48.440	ug/l	99
25) 2-Butanone	7.002	43	70828	175.044	ug/l	97
26) 2,2-Dichloropropane	6.996	77	113777	51.112	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	75998	49.573	ug/l	99
28) Bromochloromethane	7.350	49	35214	40.311	ug/l	88
29) Tetrahydrofuran	7.362	42	45271	164.722	ug/l	94
30) Chloroform	7.521	83	124165	49.973	ug/l	100
31) Cyclohexane	7.795	56	87098	39.156	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	137942	57.591	ug/l	99
36) 1,1-Dichloropropene	7.929	75	98670	49.958	ug/l	100
37) Ethyl Acetate	7.088	43	32829	32.619	ug/l	96
38) Carbon Tetrachloride	7.911	117	125829	60.007	ug/l	97
39) Methylcyclohexane	9.185	83	112000	45.750	ug/l	96
40) Benzene	8.167	78	255821	45.474	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	17574	31.600	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	82083	46.801	ug/l	98
43) Isopropyl Acetate	8.283	43	66517	36.068	ug/l	97
44) Trichloroethene	8.947	130	71848	43.503	ug/l	99
45) 1,2-Dichloropropane	9.222	63	53079	41.222	ug/l	95
46) Dibromomethane	9.313	93	35224	43.881	ug/l	96
47) Bromodichloromethane	9.502	83	93100	48.159	ug/l	99
48) Methyl methacrylate	9.301	41	29907	36.220	ug/l	95
49) 1,4-Dioxane	9.307	88	7304	704.553	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	160651	170.346	ug/l	99
52) Toluene	10.246	92	167797	46.872	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	82472	39.884	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	104733	45.757	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47022	42.172	ug/l	97
56) Ethyl methacrylate	10.514	69	55779	37.028	ug/l	96
57) 1,3-Dichloropropane	10.794	76	78478	41.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	119506	180.549	ug/l	92
59) 2-Hexanone	10.837	43	116916	179.262	ug/l	100
60) Dibromochloromethane	10.989	129	64118	46.288	ug/l	97
61) 1,2-Dibromoethane	11.093	107	46235	42.468	ug/l	99
64) Tetrachloroethene	10.721	164	87343	50.754	ug/l	98
65) Chlorobenzene	11.520	112	188046	49.417	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	72967	51.711	ug/l	97
67) Ethyl Benzene	11.593	91	343506	51.053	ug/l	99
68) m/p-Xylenes	11.703	106	257598	97.389	ug/l	97
69) o-Xylene	12.032	106	136109	54.713	ug/l	98
70) Styrene	12.050	104	229780	54.586	ug/l	99
71) Bromoform	12.215	173	41495	48.003	ug/l #	99
73) Isopropylbenzene	12.331	105	358802	53.415	ug/l	99
74) N-amyl acetate	12.148	43	59733	38.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	45723	39.197	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34266m	39.843	ug/l	
77) Bromobenzene	12.611	156	78863	49.347	ug/l	93
78) n-propylbenzene	12.672	91	301605	37.563	ug/l	98
79) 2-Chlorotoluene	12.757	91	176661	39.354	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	265201	46.229	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17539	38.045	ug/l	96
82) 4-Chlorotoluene	12.855	91	202926	43.727	ug/l	99
83) tert-Butylbenzene	13.081	119	268355	53.453	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	298825	52.727	ug/l	99
85) sec-Butylbenzene	13.251	105	349967	48.393	ug/l	99
86) p-Isopropyltoluene	13.373	119	310444	50.030	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	147802	47.373	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	150233	48.163	ug/l	99
89) n-Butylbenzene	13.696	91	245364	43.444	ug/l	98
90) Hexachloroethane	13.965	117	49786	49.225	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	126063	44.926	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6315	27.174	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	57940	32.174	ug/l	98
94) Hexachlorobutadiene	15.111	225	39084	37.558	ug/l	98
95) Naphthalene	15.239	128	104304	27.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	50083	31.048	ug/l	99

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

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