

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005657.D
 Acq On : 16 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:34 PM

Quant Time: Aug 17 05:16:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	240369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120131	49.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.740%		
35) Dibromofluoromethane	7.722	113	102312	53.018	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.040%		
50) Toluene-d8	10.185	98	415435	51.330	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.483	95	122699	45.781	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	92506	46.857	ug/l	97
3) Chloromethane	2.119	50	106229	45.046	ug/l	97
4) Vinyl Chloride	2.259	62	136657	48.380	ug/l	100
5) Bromomethane	2.656	94	86041	46.277	ug/l	98
6) Chloroethane	2.802	64	88034	51.632	ug/l	99
7) Trichlorofluoromethane	3.131	101	193337	51.121	ug/l	100
8) Diethyl Ether	3.534	74	65167	49.335	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	109957	53.601	ug/l	98
10) Methyl Iodide	4.101	142	132614	51.889	ug/l	99
11) Tert butyl alcohol	4.972	59	49296	204.946	ug/l	99
12) 1,1-Dichloroethene	3.881	96	106531	51.427	ug/l	95
13) Acrolein	3.735	56	29913	206.122	ug/l	99
14) Allyl chloride	4.491	41	194287	53.549	ug/l	100
15) Acrylonitrile	5.167	53	159664	235.857	ug/l	99
16) Acetone	3.954	43	178425	290.854	ug/l	99
17) Carbon Disulfide	4.204	76	314770	49.293	ug/l	99
18) Methyl Acetate	4.485	43	72553	45.221	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	321141	50.043	ug/l	98
20) Methylene Chloride	4.722	84	124786	51.502	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	120923	52.213	ug/l	98
22) Diisopropyl ether	6.125	45	407360	54.423	ug/l	98
23) Vinyl Acetate	6.070	43	1276807	256.322	ug/l	100
24) 1,1-Dichloroethane	6.021	63	225463	54.353	ug/l	99
25) 2-Butanone	6.996	43	225351	248.511	ug/l	99
26) 2,2-Dichloropropane	6.990	77	207465	54.742	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	138555	52.601	ug/l	97
28) Bromochloromethane	7.338	49	81744	49.374	ug/l	95
29) Tetrahydrofuran	7.356	42	136219	227.117	ug/l	98
30) Chloroform	7.515	83	226009	53.382	ug/l	98
31) Cyclohexane	7.789	56	207773	49.784	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	209183	53.748	ug/l	100
36) 1,1-Dichloropropene	7.923	75	175572	54.309	ug/l	99
37) Ethyl Acetate	7.082	43	91587	46.764	ug/l	99
38) Carbon Tetrachloride	7.905	117	192046	54.658	ug/l	97
39) Methylcyclohexane	9.185	83	219350	53.331	ug/l	99
40) Benzene	8.167	78	498446	53.841	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	48722m	45.850	ug/l	
42) 1,2-Dichloroethane	8.240	62	156975	52.274	ug/l	100
43) Isopropyl Acetate	8.277	43	178688	48.191	ug/l	100
44) Trichloroethene	8.941	130	134731	53.323	ug/l	96
45) 1,2-Dichloropropane	9.222	63	126600	54.662	ug/l	99
46) Dibromomethane	9.307	93	66153	51.657	ug/l	97
47) Bromodichloromethane	9.502	83	172356	53.777	ug/l	100
48) Methyl methacrylate	9.295	41	81870	48.856	ug/l	98
49) 1,4-Dioxane	9.307	88	16999	955.115	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	469888	240.634	ug/l	100
52) Toluene	10.246	92	317017	53.704	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	168652	47.085	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	206582	53.144	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	81988	44.248	ug/l	98
56) Ethyl methacrylate	10.514	69	122479	44.144	ug/l	95
57) 1,3-Dichloropropane	10.794	76	145993	44.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	306791	231.414	ug/l	98
59) 2-Hexanone	10.837	43	303257	219.725	ug/l	99
60) Dibromochloromethane	10.990	129	105457	45.989	ug/l	99
61) 1,2-Dibromoethane	11.093	107	77264	44.020	ug/l	98
64) Tetrachloroethene	10.721	164	115830	55.443	ug/l	98
65) Chlorobenzene	11.520	112	295851	53.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113409	54.555	ug/l	100
67) Ethyl Benzene	11.593	91	546950	54.612	ug/l	99
68) m/p-Xylenes	11.703	106	423964	108.990	ug/l	98
69) o-Xylene	12.032	106	201850	53.988	ug/l	99
70) Styrene	12.044	104	346014	54.982	ug/l	99
71) Bromoform	12.209	173	69255	51.373	ug/l #	100
73) Isopropylbenzene	12.331	105	544018	53.692	ug/l	100
74) N-amyl acetate	12.142	43	151287	49.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	93372	47.912	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63543m	42.243	ug/l	
77) Bromobenzene	12.611	156	129762	52.128	ug/l	98
78) n-propylbenzene	12.672	91	651386	54.129	ug/l	99
79) 2-Chlorotoluene	12.758	91	360890	53.407	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	454698	54.075	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36656	49.124	ug/l	98
82) 4-Chlorotoluene	12.855	91	376987	53.919	ug/l	100
83) tert-Butylbenzene	13.075	119	404448	53.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	452455	54.532	ug/l	99
85) sec-Butylbenzene	13.251	105	589341	54.153	ug/l	99
86) p-Isopropyltoluene	13.367	119	508269	54.397	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	260709	53.674	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	254950	52.910	ug/l	100
89) n-Butylbenzene	13.696	91	468382	55.332	ug/l	100
90) Hexachloroethane	13.959	117	91441	54.433	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	228490	53.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16677	45.142	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	159999	54.288	ug/l	100
94) Hexachlorobutadiene	15.111	225	105452	55.260	ug/l	100
95) Naphthalene	15.233	128	285622	49.163	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	136003	52.088	ug/l	99

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

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