

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004235.D
 Acq On : 01 Apr 2021 10:02
 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
 4/2/2021 6:40:11 PM

Quant Time: Apr 02 02:06:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	248017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	388632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	340181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110417	46.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.62%		
35) Dibromofluoromethane	7.728	113	99164	45.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.58%		
50) Toluene-d8	10.185	98	382122	46.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.84%		
62) 4-Bromofluorobenzene	12.483	95	129814	46.51	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	104039	48.44	ug/l	98
3) Chloromethane	2.125	50	149525	51.57	ug/l	100
4) Vinyl Chloride	2.260	62	183425	56.76	ug/l	98
5) Bromomethane	2.662	94	78052	43.91	ug/l	98
6) Chloroethane	2.802	64	99616	47.55	ug/l	98
7) Trichlorofluoromethane	3.137	101	203292	48.41	ug/l	99
8) Diethyl Ether	3.540	74	67966	50.43	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	116734	51.06	ug/l	98
10) Methyl Iodide	4.107	142	127082	48.10	ug/l	99
11) Tert butyl alcohol	4.979	59	51813	267.06	ug/l	98
12) 1,1-Dichloroethene	3.881	96	112966	50.36	ug/l	96
13) Acrolein	3.741	56	37611	239.92	ug/l	99
14) Allyl chloride	4.491	41	211445	59.16	ug/l	93
15) Acrylonitrile	5.180	53	172711	269.28	ug/l	99
16) Acetone	3.960	43	101235	203.80	ug/l	100
17) Carbon Disulfide	4.204	76	328766	55.73	ug/l	98
18) Methyl Acetate	4.485	43	85456	53.75	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	331871	50.08	ug/l	98
20) Methylene Chloride	4.735	84	125376	51.59	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	130217	51.70	ug/l	91
22) Diisopropyl ether	6.131	45	450838	57.43	ug/l	96
23) Vinyl Acetate	6.070	43	1464566	277.35	ug/l	96
24) 1,1-Dichloroethane	6.033	63	235064	54.96	ug/l	99
25) 2-Butanone	6.996	43	202256	243.74	ug/l	97
26) 2,2-Dichloropropane	6.996	77	210210	52.52	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	143237	50.23	ug/l	94
28) Bromochloromethane	7.344	49	90810	52.23	ug/l	90
29) Tetrahydrofuran	7.356	42	159336	272.54	ug/l	94
30) Chloroform	7.515	83	226491	49.77	ug/l	97
31) Cyclohexane	7.795	56	228553	54.24	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	205852	49.44	ug/l	99
36) 1,1-Dichloropropene	7.929	75	184900	52.12	ug/l	98
37) Ethyl Acetate	7.082	43	109180	52.46	ug/l	99
38) Carbon Tetrachloride	7.911	117	167090	54.16	ug/l	97
39) Methylcyclohexane	9.191	83	234890	53.47	ug/l	95
40) Benzene	8.167	78	522958	52.00	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	58779m	50.97	ug/l	
42) 1,2-Dichloroethane	8.246	62	155514	49.21	ug/l	100
43) Isopropyl Acetate	8.283	43	211801	53.75	ug/l	98
44) Trichloroethene	8.947	130	145032	45.29	ug/l	96
45) 1,2-Dichloropropane	9.222	63	134637	54.17	ug/l	100
46) Dibromomethane	9.313	93	70828	48.47	ug/l	97
47) Bromodichloromethane	9.502	83	177265	50.84	ug/l	99
48) Methyl methacrylate	9.301	41	98315	54.93	ug/l	96
49) 1,4-Dioxane	9.301	88	16781	1072.62	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	535564	266.76	ug/l	98
52) Toluene	10.246	92	331359	51.25	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	191981	51.64	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	220229	53.02	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	98657	49.28	ug/l	98
56) Ethyl methacrylate	10.514	69	143794	52.35	ug/l	94
57) 1,3-Dichloropropane	10.795	76	175852	50.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	257011	218.69	ug/l	95
59) 2-Hexanone	10.837	43	346778	251.24	ug/l	99
60) Dibromochloromethane	10.990	129	118086	49.20	ug/l	98
61) 1,2-Dibromoethane	11.093	107	96513	48.85	ug/l	98
64) Tetrachloroethene	10.727	164	143413	42.84	ug/l	98
65) Chlorobenzene	11.520	112	341051	50.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	120705	49.67	ug/l	99
67) Ethyl Benzene	11.599	91	644510	52.31	ug/l	100
68) m/p-Xylenes	11.709	106	482391	101.97	ug/l	99
69) o-Xylene	12.032	106	223602	50.52	ug/l	98
70) Styrene	12.050	104	375487	50.99	ug/l	99
71) Bromoform	12.215	173	69141	49.96	ug/l #	97
73) Isopropylbenzene	12.337	105	615387	53.04	ug/l	99
74) N-amyl acetate	12.148	43	192481	56.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	108476	50.51	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	82916m	57.49	ug/l	
77) Bromobenzene	12.611	156	133912	49.29	ug/l	92
78) n-propylbenzene	12.678	91	722049	53.79	ug/l	98
79) 2-Chlorotoluene	12.764	91	392015	53.15	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	498913	52.71	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	45039	57.56	ug/l	87
82) 4-Chlorotoluene	12.861	91	413630	53.28	ug/l	97
83) tert-Butylbenzene	13.081	119	425758	52.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	497106	52.36	ug/l	100
85) sec-Butylbenzene	13.258	105	593601	52.72	ug/l	99
86) p-Isopropyltoluene	13.373	119	539326	51.49	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	253722	50.06	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	254304	50.79	ug/l	100
89) n-Butylbenzene	13.703	91	519878	53.97	ug/l	99
90) Hexachloroethane	13.965	117	67742	69.53	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	225430	49.55	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18535	46.25	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	156340	48.36	ug/l	99
94) Hexachlorobutadiene	15.117	225	84045	48.88	ug/l	99
95) Naphthalene	15.239	128	325493	47.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	137113	46.41	ug/l	98

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

