

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004289.D
 Acq On : 06 Apr 2021 09:11
 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
 4/7/2021 5:16:35 PM

Quant Time: Apr 07 00:55:30 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	188916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	262240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91601	50.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.88%			
35) Dibromofluoromethane	7.728	113	80360	47.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.82%			
50) Toluene-d8	10.185	98	316616	50.18	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.36%			
62) 4-Bromofluorobenzene	12.483	95	106870	49.42	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.84%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	78669	48.08	ug/l	98
3) Chloromethane	2.119	50	115158	52.15	ug/l	100
4) Vinyl Chloride	2.260	62	121582	49.40	ug/l	99
5) Bromomethane	2.656	94	57912	42.77	ug/l	99
6) Chloroethane	2.802	64	74642	46.78	ug/l	97
7) Trichlorofluoromethane	3.137	101	155714	48.68	ug/l	96
8) Diethyl Ether	3.540	74	53248	51.87	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	89400	51.33	ug/l	98
10) Methyl Iodide	4.107	142	97195	48.29	ug/l	100
11) Tert butyl alcohol	4.972	59	46407	314.03	ug/l	97
12) 1,1-Dichloroethene	3.881	96	86013	50.34	ug/l	92
13) Acrolein	3.741	56	32396	274.71	ug/l	96
14) Allyl chloride	4.491	41	164076	60.27	ug/l	93
15) Acrylonitrile	5.180	53	142042	290.75	ug/l	98
16) Acetone	3.960	43	85475	225.91	ug/l	99
17) Carbon Disulfide	4.204	76	253411	56.40	ug/l	100
18) Methyl Acetate	4.491	43	72672	60.01	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	262668	52.04	ug/l	94
20) Methylene Chloride	4.729	84	97906	52.95	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	99232	51.73	ug/l	94
22) Diisopropyl ether	6.131	45	354197	59.23	ug/l	97
23) Vinyl Acetate	6.070	43	1166710	290.06	ug/l	96
24) 1,1-Dichloroethane	6.033	63	182923	56.15	ug/l	98
25) 2-Butanone	6.996	43	173841	275.04	ug/l	98
26) 2,2-Dichloropropane	6.990	77	164269	53.88	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	111921	51.52	ug/l	96
28) Bromochloromethane	7.344	49	75034	56.66	ug/l	89
29) Tetrahydrofuran	7.356	42	133514	299.82	ug/l	93
30) Chloroform	7.515	83	177611	51.24	ug/l	99
31) Cyclohexane	7.795	56	176033	54.85	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	161440	50.91	ug/l	98
36) 1,1-Dichloropropene	7.923	75	144248	52.49	ug/l	98
37) Ethyl Acetate	7.088	43	88063	54.62	ug/l	99
38) Carbon Tetrachloride	7.911	117	131552	55.05	ug/l	98
39) Methylcyclohexane	9.191	83	180775	53.13	ug/l	99
40) Benzene	8.167	78	408971	52.50	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	47728m	53.43	ug/l	
42) 1,2-Dichloroethane	8.246	62	122380	49.99	ug/l	99
43) Isopropyl Acetate	8.283	43	174222	57.08	ug/l	98
44) Trichloroethene	8.947	130	111135	44.81	ug/l	94
45) 1,2-Dichloropropane	9.222	63	105252	54.67	ug/l	98
46) Dibromomethane	9.313	93	56237	49.68	ug/l	96
47) Bromodichloromethane	9.502	83	138933	51.44	ug/l	98
48) Methyl methacrylate	9.295	41	80599	58.14	ug/l	95
49) 1,4-Dioxane	9.307	88	14923	1219.15	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	450768	289.84	ug/l	98
52) Toluene	10.246	92	256841	51.28	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	150292	52.19	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	169857	52.79	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	76581	49.38	ug/l	99
56) Ethyl methacrylate	10.514	69	114979	54.04	ug/l	94
57) 1,3-Dichloropropane	10.795	76	139460	52.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	165085	181.34	ug/l	94
59) 2-Hexanone	10.837	43	300156	280.73	ug/l	97
60) Dibromochloromethane	10.990	129	93103	50.07	ug/l	99
61) 1,2-Dibromoethane	11.093	107	75904	49.59	ug/l	99
64) Tetrachloroethene	10.721	164	107194	41.54	ug/l	99
65) Chlorobenzene	11.520	112	262863	50.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	94465	50.42	ug/l	98
67) Ethyl Benzene	11.599	91	493053	51.92	ug/l	100
68) m/p-Xylenes	11.709	106	369917	101.44	ug/l	97
69) o-Xylene	12.032	106	172312	50.50	ug/l	98
70) Styrene	12.050	104	286902	50.54	ug/l	99
71) Bromoform	12.215	173	54561	51.14	ug/l #	98
73) Isopropylbenzene	12.331	105	470707	53.04	ug/l	99
74) N-amyl acetate	12.148	43	156188	60.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	88841	54.09	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	53885m	48.85	ug/l	
77) Bromobenzene	12.611	156	102885	49.52	ug/l	91
78) n-propylbenzene	12.672	91	559196	54.47	ug/l	97
79) 2-Chlorotoluene	12.758	91	301799	53.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	384908	53.17	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	34964	58.42	ug/l	94
82) 4-Chlorotoluene	12.855	91	318145	53.59	ug/l	98
83) tert-Butylbenzene	13.081	119	330381	52.82	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	383758	52.85	ug/l	99
85) sec-Butylbenzene	13.258	105	466658	54.19	ug/l	98
86) p-Isopropyltoluene	13.373	119	422736	52.77	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	197589	50.98	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	195748	51.12	ug/l	99
89) n-Butylbenzene	13.703	91	404540	54.92	ug/l	99
90) Hexachloroethane	13.965	117	57445	76.30	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	173512	49.87	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14840	48.42	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	117400	47.48	ug/l	99
94) Hexachlorobutadiene	15.117	225	63633	48.39	ug/l	99
95) Naphthalene	15.239	128	257147	49.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	105475	46.68	ug/l	98

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

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