

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004675.D
 Acq On : 29 Apr 2021 21:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 10:49:13 AM

Quant Time: Apr 30 04:35:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	102913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	101079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31030	27.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	54.28%		
35) Dibromofluoromethane	7.722	113	26974	35.75	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	71.50%		
50) Toluene-d8	10.185	98	154968	48.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.56%		
62) 4-Bromofluorobenzene	12.483	95	39428	36.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.40%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54145	56.79	ug/l	98
3) Chloromethane	2.119	50	61327	44.48	ug/l	99
4) Vinyl Chloride	2.253	62	82548	56.69	ug/l	98
5) Bromomethane	2.644	94	32896	46.30	ug/l	99
6) Chloroethane	2.796	64	46506	53.27	ug/l	97
7) Trichlorofluoromethane	3.125	101	114574	62.91	ug/l	99
8) Diethyl Ether	3.540	74	14767	23.99	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	63021	62.39	ug/l	98
10) Methyl Iodide	4.101	142	42355	35.03	ug/l	95
11) Tert butyl alcohol	4.973	59	54394	482.70	ug/l	98
12) 1,1-Dichloroethene	3.881	96	54933	54.99	ug/l	96
13) Acrolein	3.735	56	29755	237.53	ug/l	100
14) Allyl chloride	4.491	41	85294	44.64	ug/l	98
15) Acrylonitrile	5.180	53	86970	263.36	ug/l	97
16) Acetone	3.961	43	103979	443.32	ug/l	98
17) Carbon Disulfide	4.198	76	143631	46.70	ug/l	99
18) Methyl Acetate	4.491	43	37546	47.14	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	66097	22.02	ug/l	99
20) Methylene Chloride	4.729	84	36754	33.28	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	52369	46.33	ug/l	100
22) Diisopropyl ether	6.131	45	107917	26.72	ug/l	98
23) Vinyl Acetate	6.076	43	335152	121.91	ug/l	99
24) 1,1-Dichloroethane	6.027	63	84823	41.11	ug/l	98
25) 2-Butanone	7.003	43	140389	322.32	ug/l	98
26) 2,2-Dichloropropane	6.990	77	93437	50.47	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	45210	35.75	ug/l	95
28) Bromochloromethane	7.338	49	25961	27.69	ug/l	99
29) Tetrahydrofuran	7.356	42	84117	270.31	ug/l	100
30) Chloroform	7.515	83	75219	37.10	ug/l	97
31) Cyclohexane	7.789	56	113970	54.37	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	98980	53.81	ug/l	99
36) 1,1-Dichloropropene	7.923	75	89376	66.15	ug/l	99
37) Ethyl Acetate	7.088	43	39786	45.73	ug/l	99
38) Carbon Tetrachloride	7.911	117	88070	75.40	ug/l	99
39) Methylcyclohexane	9.185	83	117367	70.56	ug/l	95
40) Benzene	8.167	78	187621	49.41	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	16088m	30.51	ug/l	
42) 1,2-Dichloroethane	8.246	62	38643	32.44	ug/l	100
43) Isopropyl Acetate	8.283	43	52510	31.84	ug/l	100
44) Trichloroethene	8.941	130	58510	56.52	ug/l	99
45) 1,2-Dichloropropane	9.222	63	37857	38.63	ug/l	98
46) Dibromomethane	9.313	93	16400	30.74	ug/l	99
47) Bromodichloromethane	9.502	83	47628	36.87	ug/l	99
48) Methyl methacrylate	9.301	41	26029	34.27	ug/l	97
49) 1,4-Dioxane	9.301	88	22088	3170.06	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	175108	206.68	ug/l	98
52) Toluene	10.246	92	119031	48.45	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	42900	30.11	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	52570	32.49	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21499	29.24	ug/l	97
56) Ethyl methacrylate	10.514	69	28098	26.36	ug/l	98
57) 1,3-Dichloropropane	10.795	76	39791	30.33	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	86386	158.38	ug/l	98
59) 2-Hexanone	10.837	43	144176	253.85	ug/l	98
60) Dibromochloromethane	10.990	129	26514	30.35	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21766	30.71	ug/l	97
64) Tetrachloroethene	10.721	164	64075	72.81	ug/l	96
65) Chlorobenzene	11.520	112	102737	49.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	34117	46.34	ug/l	98
67) Ethyl Benzene	11.593	91	242160	62.74	ug/l	97
68) m/p-Xylenes	11.703	106	175168	122.14	ug/l	100
69) o-Xylene	12.032	106	71179	52.96	ug/l	98
70) Styrene	12.044	104	101888	45.77	ug/l	95
71) Bromoform	12.209	173	16129	36.94	ug/l #	98
73) Isopropylbenzene	12.331	105	253709	74.66	ug/l	100
74) N-amyl acetate	12.148	43	39047	34.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	25543	39.73	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21180m	44.88	ug/l	
77) Bromobenzene	12.611	156	35010	45.97	ug/l	96
78) n-propylbenzene	12.672	91	302845	75.44	ug/l	99
79) 2-Chlorotoluene	12.758	91	132738	60.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	190209	68.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10816	41.00	ug/l	97
82) 4-Chlorotoluene	12.855	91	131554	56.75	ug/l	100
83) tert-Butylbenzene	13.075	119	182509	77.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	171165	61.41	ug/l	100
85) sec-Butylbenzene	13.258	105	273259	82.87	ug/l	99
86) p-Isopropyltoluene	13.373	119	231700	77.24	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	74069	52.07	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	67225	46.94	ug/l	98
89) n-Butylbenzene	13.697	91	227102	79.32	ug/l	99
90) Hexachloroethane	13.965	117	33094	82.23	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	55816	44.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7221	62.59	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	34841	41.73	ug/l	99
94) Hexachlorobutadiene	15.117	225	37559	86.16	ug/l	98
95) Naphthalene	15.239	128	72531	39.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	28961	39.32	ug/l	98

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

