

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004727.D
 Acq On : 10 May 2021 13:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051021

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:35:58 AM

Quant Time: May 11 04:17:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116408	49.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.18%		
35) Dibromofluoromethane	7.722	113	90978	51.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.34%		
50) Toluene-d8	10.185	98	394847	49.64	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.28%		
62) 4-Bromofluorobenzene	12.483	95	135414	50.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88415	48.47	ug/l	98
3) Chloromethane	2.119	50	136086	46.03	ug/l	100
4) Vinyl Chloride	2.253	62	140157	46.33	ug/l	96
5) Bromomethane	2.656	94	79785	51.71	ug/l	93
6) Chloroethane	2.802	64	88280	49.45	ug/l	97
7) Trichlorofluoromethane	3.131	101	177934	49.55	ug/l	97
8) Diethyl Ether	3.534	74	62989	49.65	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	98392	48.30	ug/l	100
10) Methyl Iodide	4.101	142	111934	51.39	ug/l	99
11) Tert butyl alcohol	4.972	59	55154	231.45	ug/l	99
12) 1,1-Dichloroethene	3.881	96	98436	49.99	ug/l	98
13) Acrolein	3.741	56	66983	239.10	ug/l	98
14) Allyl chloride	4.491	41	190124	49.41	ug/l	99
15) Acrylonitrile	5.174	53	154668	243.19	ug/l	98
16) Acetone	3.960	43	131199	246.34	ug/l	98
17) Carbon Disulfide	4.204	76	297026	49.40	ug/l	100
18) Methyl Acetate	4.485	43	80159	47.20	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	274243	50.64	ug/l	99
20) Methylene Chloride	4.729	84	127725	52.09	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	111279	49.74	ug/l	99
22) Diisopropyl ether	6.131	45	376227	50.83	ug/l	99
23) Vinyl Acetate	6.070	43	1413587	254.30	ug/l	99
24) 1,1-Dichloroethane	6.027	63	207486	49.82	ug/l	98
25) 2-Butanone	6.996	43	234723	248.06	ug/l	100
26) 2,2-Dichloropropane	6.990	77	182338	50.12	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	125008	50.32	ug/l	99
28) Bromochloromethane	7.344	49	100309	49.30	ug/l	99
29) Tetrahydrofuran	7.356	42	150313	249.02	ug/l	99
30) Chloroform	7.515	83	204436	49.82	ug/l	99
31) Cyclohexane	7.789	56	180018	46.90	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	184076	50.05	ug/l	99
36) 1,1-Dichloropropene	7.923	75	164686	49.96	ug/l	100
37) Ethyl Acetate	7.082	43	111373	49.30	ug/l	100
38) Carbon Tetrachloride	7.911	117	156921	52.96	ug/l	97
39) Methylcyclohexane	9.185	83	181305	50.44	ug/l	98
40) Benzene	8.167	78	470957	50.54	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	57721m	46.76	ug/l	
42) 1,2-Dichloroethane	8.246	62	148582	50.49	ug/l	100
43) Isopropyl Acetate	8.283	43	210590	50.22	ug/l	100
44) Trichloroethene	8.941	130	124391	49.66	ug/l	96
45) 1,2-Dichloropropane	9.222	63	123096	50.50	ug/l	99
46) Dibromomethane	9.307	93	68778	50.73	ug/l	98
47) Bromodichloromethane	9.502	83	163958	50.98	ug/l	99
48) Methyl methacrylate	9.301	41	96637	50.64	ug/l	99
49) 1,4-Dioxane	9.307	88	15356	961.90	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	570381	252.80	ug/l	100
52) Toluene	10.246	92	301126	51.18	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	183459	51.49	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	201271	50.77	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	94131	50.45	ug/l	99
56) Ethyl methacrylate	10.514	69	140404	52.03	ug/l	100
57) 1,3-Dichloropropane	10.795	76	168664	50.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	344543	247.38	ug/l	100
59) 2-Hexanone	10.837	43	394776	258.21	ug/l	99
60) Dibromochloromethane	10.990	129	111904	50.44	ug/l	100
61) 1,2-Dibromoethane	11.093	107	91070	50.62	ug/l	98
64) Tetrachloroethene	10.721	164	133626	50.09	ug/l	98
65) Chlorobenzene	11.520	112	311242	51.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113731	51.49	ug/l	99
67) Ethyl Benzene	11.593	91	585142	51.83	ug/l	100
68) m/p-Xylenes	11.703	106	443573	104.58	ug/l	99
69) o-Xylene	12.032	106	207095	52.24	ug/l	100
70) Styrene	12.044	104	356472	53.64	ug/l	100
71) Bromoform	12.209	173	70012	52.32	ug/l #	99
73) Isopropylbenzene	12.331	105	563373	51.36	ug/l	99
74) N-amyl acetate	12.148	43	202203	52.14	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	110843	50.64	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	79617m	51.55	ug/l	
77) Bromobenzene	12.611	156	126621	51.13	ug/l	99
78) n-propylbenzene	12.672	91	691001	51.62	ug/l	100
79) 2-Chlorotoluene	12.758	91	376214	51.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	471327	51.74	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	44892	50.40	ug/l	99
82) 4-Chlorotoluene	12.855	91	394621	51.73	ug/l	99
83) tert-Butylbenzene	13.075	119	406187	52.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	473267	51.91	ug/l	99
85) sec-Butylbenzene	13.258	105	589913	52.18	ug/l	100
86) p-Isopropyltoluene	13.373	119	516923	52.74	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	247857	51.02	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	245830	51.36	ug/l	99
89) n-Butylbenzene	13.696	91	497680	51.94	ug/l	100
90) Hexachloroethane	13.965	117	72362	52.42	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	218535	51.00	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19376	47.38	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	138917	50.33	ug/l	98
94) Hexachlorobutadiene	15.111	225	74409	49.76	ug/l	97
95) Naphthalene	15.239	128	312153	52.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	124375	50.91	ug/l	99

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

