

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004795.D
 Acq On : 17 May 2021 11:25
 Operator : SY/MD
 Sample : VY0517SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:57:34 PM

Quant Time: May 18 01:02:08 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	7.795	168	220761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	351909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	316705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128733	48.99	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.98%		
35) Dibromofluoromethane	7.728	113	104933	54.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.94%		
50) Toluene-d8	10.185	98	443182	50.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.84%		
62) 4-Bromofluorobenzene	12.483	95	147538	50.23	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	41415	20.49	ug/l	99
3) Chloromethane	2.119	50	63064	19.25	ug/l	96
4) Vinyl Chloride	2.259	62	63235	18.86	ug/l	100
5) Bromomethane	2.650	94	35991	21.05	ug/l	97
6) Chloroethane	2.796	64	39616	20.03	ug/l	94
7) Trichlorofluoromethane	3.131	101	86498	21.74	ug/l	97
8) Diethyl Ether	3.534	74	29287	20.83	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	47825	21.18	ug/l	99
10) Methyl Iodide	4.100	142	51959	21.52	ug/l	98
11) Tert butyl alcohol	4.978	59	25551	96.75	ug/l	98
12) 1,1-Dichloroethene	3.881	96	46252	21.19	ug/l	95
13) Acrolein	3.741	56	25007	80.55	ug/l	96
14) Allyl chloride	4.491	41	87268	20.46	ug/l	99
15) Acrylonitrile	5.180	53	66335	94.12	ug/l	97
16) Acetone	3.960	43	53276	90.27	ug/l	98
17) Carbon Disulfide	4.204	76	143286	21.50	ug/l	99
18) Methyl Acetate	4.491	43	36780	19.54	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	119977	19.99	ug/l	99
20) Methylene Chloride	4.728	84	55530	14.18	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	50015	20.17	ug/l	99
22) Diisopropyl ether	6.131	45	163346	19.91	ug/l	98
23) Vinyl Acetate	6.070	43	586906	95.28	ug/l	100
24) 1,1-Dichloroethane	6.027	63	93242	20.20	ug/l	98
25) 2-Butanone	6.996	43	92694	88.40	ug/l	97
26) 2,2-Dichloropropane	6.990	77	84067	20.85	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	56226	20.42	ug/l	98
28) Bromochloromethane	7.344	49	45191	20.04	ug/l	99
29) Tetrahydrofuran	7.362	42	60351	90.22	ug/l	99
30) Chloroform	7.515	83	92230	20.28	ug/l	98
31) Cyclohexane	7.789	56	84370	19.84	ug/l #	91
32) 1,1,1-Trichloroethane	7.710	97	82427	20.22	ug/l	99
36) 1,1-Dichloropropene	7.923	75	74066	20.54	ug/l	100
37) Ethyl Acetate	7.082	43	46935	18.99	ug/l	99
38) Carbon Tetrachloride	7.905	117	66718	20.58	ug/l	96
39) Methylcyclohexane	9.185	83	81081	20.62	ug/l	98
40) Benzene	8.167	78	210559	20.65	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24566m	18.19	ug/l	
42) 1,2-Dichloroethane	8.246	62	65663	20.39	ug/l	99
43) Isopropyl Acetate	8.283	43	87987	19.18	ug/l	99
44) Trichloroethene	8.947	130	56372	20.57	ug/l	99
45) 1,2-Dichloropropane	9.222	63	54423	20.41	ug/l	99
46) Dibromomethane	9.313	93	28855	19.45	ug/l	99
47) Bromodichloromethane	9.502	83	71265	20.25	ug/l	95
48) Methyl methacrylate	9.301	41	39460	18.90	ug/l	99
49) 1,4-Dioxane	9.307	88	6276	359.32	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	228909	92.73	ug/l	99
52) Toluene	10.246	92	132850	20.64	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	76840	19.71	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	88024	20.30	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	40843	20.01	ug/l	95
56) Ethyl methacrylate	10.514	69	56190	19.03	ug/l	98
57) 1,3-Dichloropropane	10.794	76	72896	20.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	156948	103.00	ug/l	100
59) 2-Hexanone	10.837	43	153595	91.82	ug/l	100
60) Dibromochloromethane	10.990	129	48178	19.85	ug/l	98
61) 1,2-Dibromoethane	11.093	107	38932	19.78	ug/l	100
64) Tetrachloroethene	10.721	164	59152	20.67	ug/l	95
65) Chlorobenzene	11.520	112	136465	20.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	48834	20.61	ug/l	99
67) Ethyl Benzene	11.593	91	252658	20.86	ug/l	99
68) m/p-Xylenes	11.703	106	190926	41.96	ug/l	100
69) o-Xylene	12.032	106	88425	20.79	ug/l	99
70) Styrene	12.044	104	147644	20.71	ug/l	99
71) Bromoform	12.209	173	28070	19.55	ug/l #	98
73) Isopropylbenzene	12.331	105	242497	21.45	ug/l	100
74) N-amyl acetate	12.148	43	77390	19.36	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	45269	20.06	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	33309m	20.92	ug/l	
77) Bromobenzene	12.611	156	54208	21.23	ug/l	97
78) n-propylbenzene	12.672	91	294577	21.35	ug/l	99
79) 2-Chlorotoluene	12.757	91	162448	21.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	201051	21.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17495	19.06	ug/l	97
82) 4-Chlorotoluene	12.855	91	169708	21.58	ug/l	99
83) tert-Butylbenzene	13.081	119	174457	21.76	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	201639	21.45	ug/l	100
85) sec-Butylbenzene	13.257	105	250104	21.46	ug/l	100
86) p-Isopropyltoluene	13.373	119	215129	21.29	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	103918	20.75	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	103714	21.02	ug/l	99
89) n-Butylbenzene	13.696	91	208822	21.14	ug/l	99
90) Hexachloroethane	13.965	117	30610	21.51	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	91376	20.69	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7705	18.28	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	55694	19.57	ug/l	96
94) Hexachlorobutadiene	15.117	225	31158	20.21	ug/l	99
95) Naphthalene	15.239	128	115727	18.79	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49432	19.63	ug/l	98

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

