

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004777.D
 Acq On : 14 May 2021 13:01
 Operator : SY/MD
 Sample : VY0514SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/17/2021 2:35:39 PM

Quant Time: May 15 03:56:39 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	201801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	299863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	127432	53.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.10%	
35) Dibromofluoromethane	7.728	113	99912	55.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.08%	
50) Toluene-d8	10.185	98	418979	51.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.12%	
62) 4-Bromofluorobenzene	12.483	95	141034	51.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	37635	20.37	ug/l	100
3) Chloromethane	2.119	50	55713	18.60	ug/l	100
4) Vinyl Chloride	2.259	62	56913	18.57	ug/l	98
5) Bromomethane	2.650	94	32148	20.57	ug/l	95
6) Chloroethane	2.796	64	35601	19.69	ug/l	93
7) Trichlorofluoromethane	3.131	101	74766	20.55	ug/l	96
8) Diethyl Ether	3.540	74	26356	20.51	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	41748	20.23	ug/l	98
10) Methyl Iodide	4.101	142	46628	21.13	ug/l	99
11) Tert butyl alcohol	4.972	59	24551	101.70	ug/l	98
12) 1,1-Dichloroethene	3.887	96	40273	20.19	ug/l	97
13) Acrolein	3.741	56	25499	89.85	ug/l	96
14) Allyl chloride	4.497	41	77558	19.90	ug/l	99
15) Acrylonitrile	5.180	53	66572	103.33	ug/l	99
16) Acetone	3.960	43	53110	98.44	ug/l	97
17) Carbon Disulfide	4.204	76	126579	20.78	ug/l	97
18) Methyl Acetate	4.497	43	34934	20.30	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	112121	20.44	ug/l	100
20) Methylene Chloride	4.728	84	73790	25.29	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	45818	20.22	ug/l	97
22) Diisopropyl ether	6.137	45	150582	20.08	ug/l	99
23) Vinyl Acetate	6.076	43	570526	101.32	ug/l	100
24) 1,1-Dichloroethane	6.033	63	84443	20.01	ug/l	99
25) 2-Butanone	7.002	43	94367	98.45	ug/l	100
26) 2,2-Dichloropropane	6.990	77	77365	20.99	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	51333	20.40	ug/l	98
28) Bromochloromethane	7.344	49	43426	21.07	ug/l	100
29) Tetrahydrofuran	7.362	42	61393	100.40	ug/l	98
30) Chloroform	7.521	83	84000	20.21	ug/l	99
31) Cyclohexane	7.795	56	77562	19.95	ug/l	# 93
32) 1,1,1-Trichloroethane	7.716	97	76685	20.58	ug/l	100
36) 1,1-Dichloropropene	7.929	75	66840	19.85	ug/l	99
37) Ethyl Acetate	7.094	43	47607	20.63	ug/l	99
38) Carbon Tetrachloride	7.911	117	60820	20.09	ug/l	96
39) Methylcyclohexane	9.191	83	73499	20.02	ug/l	95
40) Benzene	8.173	78	191378	20.10	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	25204m	19.99	ug/l	
42) 1,2-Dichloroethane	8.246	62	61435	20.43	ug/l	100
43) Isopropyl Acetate	8.283	43	87818	20.50	ug/l	100
44) Trichloroethene	8.947	130	51314	20.05	ug/l	94
45) 1,2-Dichloropropane	9.222	63	50066	20.10	ug/l	98
46) Dibromomethane	9.313	93	27765	20.05	ug/l	99
47) Bromodichloromethane	9.502	83	66417	20.22	ug/l	100
48) Methyl methacrylate	9.301	41	39084	20.05	ug/l	98
49) 1,4-Dioxane	9.313	88	6739	413.23	ug/l	91
51) 4-Methyl-2-Pentanone	10.081	43	232405	100.83	ug/l	99
52) Toluene	10.252	92	119865	19.94	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	71427	19.63	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	81290	20.07	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	38459	20.18	ug/l	96
56) Ethyl methacrylate	10.514	69	54941	19.93	ug/l	99
57) 1,3-Dichloropropane	10.794	76	68501	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	151808	106.70	ug/l	99
59) 2-Hexanone	10.837	43	156630	100.29	ug/l	98
60) Dibromochloromethane	10.990	129	44737	19.74	ug/l	99
61) 1,2-Dibromoethane	11.093	107	37061	20.17	ug/l	98
64) Tetrachloroethene	10.721	164	52690	19.45	ug/l	97
65) Chlorobenzene	11.520	112	125139	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	45331	20.20	ug/l	99
67) Ethyl Benzene	11.599	91	230396	20.09	ug/l	96
68) m/p-Xylenes	11.709	106	173190	40.20	ug/l	100
69) o-Xylene	12.032	106	80571	20.01	ug/l	99
70) Styrene	12.050	104	136229	20.18	ug/l	99
71) Bromoform	12.209	173	27074	19.92	ug/l #	99
73) Isopropylbenzene	12.331	105	222233	20.92	ug/l	100
74) N-amyl acetate	12.148	43	76880	20.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	44470	20.97	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	27565m	18.43	ug/l	
77) Bromobenzene	12.611	156	50056	20.86	ug/l	99
78) n-propylbenzene	12.672	91	267821	20.66	ug/l	100
79) 2-Chlorotoluene	12.758	91	148616	20.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	184741	20.94	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	17847	20.69	ug/l	96
82) 4-Chlorotoluene	12.861	91	154953	20.97	ug/l	99
83) tert-Butylbenzene	13.081	119	156950	20.84	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	181614	20.56	ug/l	99
85) sec-Butylbenzene	13.257	105	229019	20.91	ug/l	100
86) p-Isopropyltoluene	13.373	119	196909	20.74	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96908	20.59	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	96461	20.80	ug/l	98
89) n-Butylbenzene	13.702	91	189381	20.40	ug/l	100
90) Hexachloroethane	13.965	117	27654	20.68	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	86387	20.81	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8101	20.45	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	52605	19.67	ug/l	100
94) Hexachlorobutadiene	15.117	225	28280	19.52	ug/l	98
95) Naphthalene	15.239	128	116492	20.13	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	46476	19.64	ug/l	99

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

