

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004739.D
 Acq On : 11 May 2021 12:03
 Operator : SY/MD
 Sample : VY0511SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 10:42:57 AM

Quant Time: May 12 00:59:00 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	187532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116213	52.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.12%			
35) Dibromofluoromethane	7.728	113	91522	55.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.18%			
50) Toluene-d8	10.185	98	383797	51.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.28%			
62) 4-Bromofluorobenzene	12.483	95	127064	50.16	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	36199	21.08	ug/l	96
3) Chloromethane	2.119	50	53961	19.39	ug/l	94
4) Vinyl Chloride	2.259	62	55170	19.37	ug/l	98
5) Bromomethane	2.650	94	30984	21.33	ug/l	98
6) Chloroethane	2.796	64	34120	20.30	ug/l	96
7) Trichlorofluoromethane	3.131	101	68474	20.26	ug/l	95
8) Diethyl Ether	3.540	74	24920	20.86	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	38372	20.01	ug/l	99
10) Methyl Iodide	4.101	142	44028	21.47	ug/l	99
11) Tert butyl alcohol	4.978	59	23185	103.35	ug/l	98
12) 1,1-Dichloroethene	3.881	96	36412	19.64	ug/l	99
13) Acrolein	3.741	56	26907	102.03	ug/l	96
14) Allyl chloride	4.491	41	70355	19.42	ug/l	97
15) Acrylonitrile	5.180	53	62076	103.68	ug/l	100
16) Acetone	3.960	43	53848	107.40	ug/l	100
17) Carbon Disulfide	4.204	76	116327	20.55	ug/l	96
18) Methyl Acetate	4.497	43	33055	20.67	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	103122	20.23	ug/l	95
20) Methylene Chloride	4.729	84	46605	13.89	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	42506	20.18	ug/l	96
22) Diisopropyl ether	6.131	45	138544	19.88	ug/l	97
23) Vinyl Acetate	6.076	43	529191	101.13	ug/l	97
24) 1,1-Dichloroethane	6.033	63	77402	19.74	ug/l	99
25) 2-Butanone	7.002	43	91086	102.26	ug/l	100
26) 2,2-Dichloropropane	6.996	77	68640	20.04	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	46773	20.00	ug/l	98
28) Bromochloromethane	7.344	49	38960	20.34	ug/l	100
29) Tetrahydrofuran	7.362	42	57823	101.76	ug/l	99
30) Chloroform	7.515	83	75590	19.57	ug/l	96
31) Cyclohexane	7.789	56	69555	19.25	ug/l #	94
32) 1,1,1-Trichloroethane	7.710	97	69027	19.94	ug/l	99
36) 1,1-Dichloropropene	7.923	75	61292	19.71	ug/l	98
37) Ethyl Acetate	7.088	43	44574	20.91	ug/l	99
38) Carbon Tetrachloride	7.905	117	54123	19.36	ug/l	98
39) Methylcyclohexane	9.191	83	66151	19.50	ug/l	98
40) Benzene	8.167	78	174691	19.87	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004739.D
 Acq On : 11 May 2021 12:03
 Operator : SY/MD
 Sample : VY0511SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 10:42:57 AM

Quant Time: May 12 00:59:00 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)
41) Methacrylonitrile	7.319	41	21277m	18.27	ug/l	
42) 1,2-Dichloroethane	8.246	62	56472	20.34	ug/l	100
43) Isopropyl Acetate	8.283	43	80312	20.30	ug/l	100
44) Trichloroethene	8.947	130	46810	19.80	ug/l	98
45) 1,2-Dichloropropane	9.222	63	45853	19.93	ug/l	100
46) Dibromomethane	9.313	93	25937	20.27	ug/l	99
47) Bromodichloromethane	9.502	83	60958	20.09	ug/l	98
48) Methyl methacrylate	9.301	41	35666	19.81	ug/l	99
49) 1,4-Dioxane	9.301	88	5918	392.88	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	215078	101.03	ug/l	100
52) Toluene	10.246	92	109014	19.64	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	67121	19.97	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	73218	19.57	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	34312	19.49	ug/l	99
56) Ethyl methacrylate	10.514	69	50868	19.98	ug/l	98
57) 1,3-Dichloropropane	10.794	76	63185	20.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	133701	101.74	ug/l	99
59) 2-Hexanone	10.837	43	146276	101.40	ug/l	99
60) Dibromochloromethane	10.990	129	42033	20.08	ug/l	96
61) 1,2-Dibromoethane	11.093	107	34492	20.32	ug/l	98
64) Tetrachloroethene	10.721	164	49151	19.45	ug/l	99
65) Chlorobenzene	11.520	112	115416	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40944	19.56	ug/l	98
67) Ethyl Benzene	11.593	91	208385	19.48	ug/l	98
68) m/p-Xylenes	11.709	106	158527	39.44	ug/l	99
69) o-Xylene	12.032	106	73073	19.45	ug/l	100
70) Styrene	12.050	104	122296	19.42	ug/l	100
71) Bromoform	12.215	173	25015	19.73	ug/l #	100
73) Isopropylbenzene	12.331	105	199911	19.93	ug/l	100
74) N-amyl acetate	12.148	43	70771	19.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40815	20.39	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	30788m	21.80	ug/l	
77) Bromobenzene	12.611	156	46266	20.43	ug/l	95
78) n-propylbenzene	12.672	91	244222	19.95	ug/l	100
79) 2-Chlorotoluene	12.758	91	136003	20.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	165812	19.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	15811	19.42	ug/l	96
82) 4-Chlorotoluene	12.861	91	140536	20.15	ug/l	99
83) tert-Butylbenzene	13.081	119	142699	20.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	167184	20.05	ug/l	99
85) sec-Butylbenzene	13.257	105	208943	20.21	ug/l	99
86) p-Isopropyltoluene	13.373	119	180103	20.10	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	87428	19.68	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87889	20.08	ug/l	99
89) n-Butylbenzene	13.696	91	171978	19.63	ug/l	99
90) Hexachloroethane	13.965	117	24856	19.69	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	78437	20.02	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7148	19.12	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	48483	19.21	ug/l	97
94) Hexachlorobutadiene	15.117	225	26131	19.11	ug/l	98
95) Naphthalene	15.239	128	106058	19.42	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43368	19.41	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
Data File : VY004739.D
Acq On : 11 May 2021 12:03
Operator : SY/MD
Sample : VY0511SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBSD01

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:57 AM

Quant Time: May 12 00:59:00 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)
----------	------	------	----------	------	-------	----------

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

