

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004761.D
 Acq On : 13 May 2021 13:38
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:50:19 PM

Quant Time: May 14 02:27:09 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	185548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	278127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114301	51.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.50%			
35) Dibromofluoromethane	7.728	113	91993	54.80	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.60%			
50) Toluene-d8	10.185	98	383744	50.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.20%			
62) 4-Bromofluorobenzene	12.483	95	126441	49.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.80%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	35399	20.83	ug/l	99
3) Chloromethane	2.119	50	53829	19.55	ug/l	100
4) Vinyl Chloride	2.259	62	54049	19.18	ug/l	99
5) Bromomethane	2.656	94	31337	21.81	ug/l	100
6) Chloroethane	2.802	64	34541	20.77	ug/l	92
7) Trichlorofluoromethane	3.131	101	70736	21.15	ug/l	96
8) Diethyl Ether	3.540	74	24508	20.74	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	40272	21.22	ug/l	98
10) Methyl Iodide	4.100	142	43796	21.59	ug/l	98
11) Tert butyl alcohol	4.972	59	22067	99.42	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	38544	21.01	ug/l	99
13) Acrolein	3.741	56	24733	94.79	ug/l	100
14) Allyl chloride	4.491	41	73017	20.37	ug/l	99
15) Acrylonitrile	5.180	53	59022	99.64	ug/l	99
16) Acetone	3.960	43	50026	100.84	ug/l	97
17) Carbon Disulfide	4.204	76	121237	21.65	ug/l	99
18) Methyl Acetate	4.485	43	32002	20.23	ug/l	99
19) Methyl tert-butyl Ether	5.240	73	104866	20.79	ug/l	98
20) Methylene Chloride	4.734	84	56006	19.08	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	43606	20.93	ug/l	95
22) Diisopropyl ether	6.131	45	143041	20.75	ug/l	99
23) Vinyl Acetate	6.070	43	521189	100.67	ug/l	98
24) 1,1-Dichloroethane	6.027	63	83323	21.48	ug/l	99
25) 2-Butanone	7.002	43	88104	99.97	ug/l	99
26) 2,2-Dichloropropane	6.990	77	69908	20.63	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	49054	21.20	ug/l	98
28) Bromochloromethane	7.344	49	40966	21.62	ug/l	100
29) Tetrahydrofuran	7.356	42	54070	96.17	ug/l	97
30) Chloroform	7.514	83	79253	20.74	ug/l	97
31) Cyclohexane	7.789	56	72203	20.20	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	71564	20.89	ug/l	99
36) 1,1-Dichloropropene	7.929	75	63062	20.07	ug/l	99
37) Ethyl Acetate	7.088	43	41726	19.38	ug/l	100
38) Carbon Tetrachloride	7.911	117	56771	20.10	ug/l	96
39) Methylcyclohexane	9.191	83	67782	19.78	ug/l	96
40) Benzene	8.167	78	186075	20.95	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004761.D
 Acq On : 13 May 2021 13:38
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2021 6:50:19 PM

Quant Time: May 14 02:27:09 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	24431	20.76	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	58342	20.79	ug/l	100
43) Isopropyl Acetate	8.283	43	78311	19.59	ug/l	99
44) Trichloroethene	8.947	130	48723	20.40	ug/l	94
45) 1,2-Dichloropropane	9.222	63	49296	21.21	ug/l	97
46) Dibromomethane	9.313	93	25333	19.60	ug/l	97
47) Bromodichloromethane	9.502	83	63284	20.64	ug/l	99
48) Methyl methacrylate	9.301	41	34991	19.23	ug/l	99
49) 1,4-Dioxane	9.307	88	5586	367.04	ug/l #	73
51) 4-Methyl-2-Pentanone	10.075	43	208627	96.99	ug/l	99
52) Toluene	10.246	92	113537	20.24	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	69960	20.60	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	76277	20.18	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	36499	20.52	ug/l	96
56) Ethyl methacrylate	10.514	69	50421	19.60	ug/l	99
57) 1,3-Dichloropropane	10.794	76	64620	20.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	137773	103.76	ug/l	100
59) 2-Hexanone	10.837	43	142258	97.60	ug/l	100
60) Dibromochloromethane	10.989	129	42984	20.32	ug/l	96
61) 1,2-Dibromoethane	11.093	107	34139	19.91	ug/l	97
64) Tetrachloroethene	10.727	164	50484	20.09	ug/l	96
65) Chlorobenzene	11.520	112	118795	20.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42593	20.47	ug/l	100
67) Ethyl Benzene	11.599	91	220080	20.69	ug/l	98
68) m/p-Xylenes	11.709	106	165676	41.46	ug/l	98
69) o-Xylene	12.032	106	76216	20.41	ug/l	99
70) Styrene	12.050	104	130234	20.80	ug/l	99
71) Bromoform	12.215	173	25367	20.12	ug/l #	100
73) Isopropylbenzene	12.337	105	207719	21.00	ug/l	100
74) N-amyl acetate	12.148	43	70325	20.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40467	20.50	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	26211m	18.82	ug/l	
77) Bromobenzene	12.617	156	46463	20.81	ug/l	98
78) n-propylbenzene	12.678	91	248633	20.60	ug/l	100
79) 2-Chlorotoluene	12.764	91	137877	20.82	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	175067	21.31	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	15775	19.64	ug/l	97
82) 4-Chlorotoluene	12.861	91	143957	20.93	ug/l	99
83) tert-Butylbenzene	13.081	119	145013	20.68	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	174172	21.19	ug/l	100
85) sec-Butylbenzene	13.257	105	210631	20.66	ug/l	100
86) p-Isopropyltoluene	13.373	119	182049	20.60	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	90671	20.70	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	90321	20.93	ug/l	99
89) n-Butylbenzene	13.702	91	173992	20.14	ug/l	99
90) Hexachloroethane	13.965	117	25264	20.30	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	81344	21.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6951	18.85	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	49816	20.02	ug/l	100
94) Hexachlorobutadiene	15.117	225	26223	19.45	ug/l	98
95) Naphthalene	15.245	128	107013	19.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	43309	19.66	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
Data File : VY004761.D
Acq On : 13 May 2021 13:38
Operator : SY/MD
Sample : VY0513SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBS01

Manual Integrations
APPROVED

MMDadoda
5/14/2021 6:50:19 PM

Quant Time: May 14 02:27:09 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

