

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004750.D
 Acq On : 12 May 2021 11:59
 Operator : SY/MD
 Sample : VY0512SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:08:21 PM

Quant Time: May 13 00:55:29 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	192370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	280171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115607	50.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.98%
35) Dibromofluoromethane	7.728	113	93079	55.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.14%
50) Toluene-d8	10.185	98	393494	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.483	95	129470	50.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	35035	19.89	ug/l	99
3) Chloromethane	2.119	50	53231	18.65	ug/l	99
4) Vinyl Chloride	2.259	62	54472	18.65	ug/l	100
5) Bromomethane	2.650	94	30459	20.44	ug/l	98
6) Chloroethane	2.796	64	34832	20.21	ug/l	98
7) Trichlorofluoromethane	3.131	101	68655	19.80	ug/l	98
8) Diethyl Ether	3.534	74	24087	19.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	37374	19.00	ug/l	98
10) Methyl Iodide	4.100	142	44279	21.05	ug/l	98
11) Tert butyl alcohol	4.972	59	22685	98.58	ug/l	97
12) 1,1-Dichloroethene	3.881	96	37654	19.80	ug/l	98
13) Acrolein	3.741	56	24956	92.25	ug/l	98
14) Allyl chloride	4.491	41	71325	19.19	ug/l	98
15) Acrylonitrile	5.186	53	59875	97.49	ug/l	99
16) Acetone	3.960	43	48900	95.08	ug/l	99
17) Carbon Disulfide	4.204	76	119712	20.62	ug/l	99
18) Methyl Acetate	4.491	43	31858	19.42	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	101989	19.50	ug/l	98
20) Methylene Chloride	4.734	84	57755	18.92	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	41809	19.35	ug/l	98
22) Diisopropyl ether	6.131	45	137063	19.18	ug/l	97
23) Vinyl Acetate	6.076	43	518137	96.53	ug/l	99
24) 1,1-Dichloroethane	6.033	63	78119	19.42	ug/l	98
25) 2-Butanone	7.002	43	84913	92.93	ug/l	99
26) 2,2-Dichloropropane	6.990	77	70701	20.13	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	47257	19.70	ug/l	99
28) Bromochloromethane	7.344	49	39910	20.31	ug/l	99
29) Tetrahydrofuran	7.362	42	55917	95.93	ug/l	99
30) Chloroform	7.514	83	78681	19.86	ug/l	98
31) Cyclohexane	7.795	56	68650	18.52	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	69028	19.44	ug/l	99
36) 1,1-Dichloropropene	7.923	75	61272	19.54	ug/l	97
37) Ethyl Acetate	7.088	43	43603	20.29	ug/l	99
38) Carbon Tetrachloride	7.911	117	55500	19.69	ug/l	98
39) Methylcyclohexane	9.191	83	66044	19.32	ug/l	97
40) Benzene	8.167	78	178090	20.09	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004750.D
 Acq On : 12 May 2021 11:59
 Operator : SY/MD
 Sample : VY0512SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 4:08:21 PM

Quant Time: May 13 00:55:29 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	7.325	41	23877	20.34	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	56512	20.19	ug/l	100
43) Isopropyl Acetate	8.283	43	77906	19.53	ug/l	98
44) Trichloroethene	8.947	130	47370	19.88	ug/l	98
45) 1,2-Dichloropropane	9.222	63	46277	19.96	ug/l	98
46) Dibromomethane	9.313	93	25301	19.62	ug/l	99
47) Bromodichloromethane	9.502	83	60629	19.82	ug/l	98
48) Methyl methacrylate	9.301	41	34707	19.12	ug/l	99
49) 1,4-Dioxane	9.313	88	5848	385.11	ug/l	84
51) 4-Methyl-2-Pentanone	10.075	43	209626	97.68	ug/l	100
52) Toluene	10.246	92	112355	20.08	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	66772	19.70	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	73778	19.57	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	35020	19.73	ug/l	92
56) Ethyl methacrylate	10.514	69	49388	19.24	ug/l	99
57) 1,3-Dichloropropane	10.794	76	63157	20.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	140843	106.31	ug/l	98
59) 2-Hexanone	10.837	43	141037	96.98	ug/l	99
60) Dibromochloromethane	10.989	129	40609	19.24	ug/l	100
61) 1,2-Dibromoethane	11.093	107	34697	20.28	ug/l	99
64) Tetrachloroethene	10.721	164	50567	19.98	ug/l	96
65) Chlorobenzene	11.520	112	115179	19.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	41560	19.83	ug/l	98
67) Ethyl Benzene	11.599	91	213583	19.94	ug/l	97
68) m/p-Xylenes	11.709	106	162136	40.28	ug/l	99
69) o-Xylene	12.032	106	74634	19.84	ug/l	99
70) Styrene	12.050	104	126176	20.01	ug/l	99
71) Bromoform	12.215	173	24614	19.38	ug/l #	97
73) Isopropylbenzene	12.331	105	202043	19.67	ug/l	99
74) N-amyl acetate	12.148	43	69509	19.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	40628	19.82	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	30387m	21.01	ug/l	
77) Bromobenzene	12.611	156	45958	19.81	ug/l	98
78) n-propylbenzene	12.672	91	248608	19.83	ug/l	99
79) 2-Chlorotoluene	12.757	91	137281	19.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	173332	20.31	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	15641	18.75	ug/l #	75
82) 4-Chlorotoluene	12.855	91	143959	20.15	ug/l	99
83) tert-Butylbenzene	13.081	119	144807	19.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	169872	19.89	ug/l	99
85) sec-Butylbenzene	13.257	105	212140	20.03	ug/l	99
86) p-Isopropyltoluene	13.373	119	184360	20.08	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	89496	19.67	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	89987	20.07	ug/l	98
89) n-Butylbenzene	13.702	91	177076	19.73	ug/l	100
90) Hexachloroethane	13.965	117	25609	19.81	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	80120	19.96	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7232	18.88	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	50435	19.51	ug/l	99
94) Hexachlorobutadiene	15.117	225	26898	19.20	ug/l	98
95) Naphthalene	15.239	128	107736	19.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	44659	19.51	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
Data File : VY004750.D
Acq On : 12 May 2021 11:59
Operator : SY/MD
Sample : VY0512SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:08:21 PM

Quant Time: May 13 00:55:29 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

