

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005688.D
 Acq On : 16 Aug 2021 23:39
 Operator : SY/MD
 Sample : VY0816SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:42 PM

Quant Time: Aug 17 05:22:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	190251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	264684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102898	53.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.722	113	83139	51.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.660%	
50) Toluene-d8	10.185	98	334412	49.712	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	12.483	95	112953	50.705	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40754	26.081	ug/l	93
3) Chloromethane	2.113	50	49311	26.418	ug/l	97
4) Vinyl Chloride	2.259	62	61414	27.469	ug/l	100
5) Bromomethane	2.650	94	42964	29.195	ug/l	98
6) Chloroethane	2.796	64	38036	28.185	ug/l	100
7) Trichlorofluoromethane	3.131	101	79898	26.691	ug/l	96
8) Diethyl Ether	3.540	74	29613	28.325	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	43771	26.958	ug/l	99
10) Methyl Iodide	4.101	142	52764	26.084	ug/l	99
11) Tert butyl alcohol	4.972	59	24186	127.041	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	44611	27.209	ug/l	92
13) Acrolein	3.741	56	10460	91.064	ug/l	97
14) Allyl chloride	4.491	41	79033	27.521	ug/l	99
15) Acrylonitrile	5.174	53	74413	138.881	ug/l	99
16) Acetone	3.960	43	57840	119.124	ug/l	95
17) Carbon Disulfide	4.204	76	133511	26.416	ug/l	100
18) Methyl Acetate	4.491	43	38654	30.439	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	138959	27.358	ug/l	98
20) Methylene Chloride	4.729	84	71546	35.405	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	48810	26.627	ug/l	94
22) Diisopropyl ether	6.125	45	152985	25.823	ug/l	94
23) Vinyl Acetate	6.070	43	487472	123.641	ug/l	99
24) 1,1-Dichloroethane	6.027	63	82867	25.240	ug/l	99
25) 2-Butanone	6.996	43	82362	114.753	ug/l	99
26) 2,2-Dichloropropane	6.990	77	64611	21.539	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	49115	23.558	ug/l	95
28) Bromochloromethane	7.344	49	35776	27.301	ug/l	94
29) Tetrahydrofuran	7.362	42	57007	120.086	ug/l	98
30) Chloroform	7.515	83	84328	25.165	ug/l	96
31) Cyclohexane	7.789	56	75839	22.959	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	76142	24.718	ug/l	100
36) 1,1-Dichloropropene	7.923	75	62173	23.138	ug/l	100
37) Ethyl Acetate	7.082	43	39773	24.433	ug/l	98
38) Carbon Tetrachloride	7.905	117	68503	23.457	ug/l	99
39) Methylcyclohexane	9.185	83	76202	22.290	ug/l	99
40) Benzene	8.167	78	183391	23.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005688.D
 Acq On : 16 Aug 2021 23:39
 Operator : SY/MD
 Sample : VY0816SBS02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 7:23:42 PM

Quant Time: Aug 17 05:22:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18216m	20.624	ug/l	
42) 1,2-Dichloroethane	8.246	62	61966	24.827	ug/l	98
43) Isopropyl Acetate	8.277	43	74969	24.325	ug/l	98
44) Trichloroethene	8.947	130	49710	23.670	ug/l	96
45) 1,2-Dichloropropane	9.222	63	46959	24.394	ug/l	100
46) Dibromomethane	9.307	93	25796	24.235	ug/l	95
47) Bromodichloromethane	9.502	83	65321	24.520	ug/l	98
48) Methyl methacrylate	9.295	41	33720	24.210	ug/l	96
49) 1,4-Dioxane	9.313	88	6560	443.450	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	200809	123.724	ug/l	98
52) Toluene	10.246	92	116765	23.798	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	69103	23.211	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	74998	23.212	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	36538	23.724	ug/l	93
56) Ethyl methacrylate	10.514	69	54415	23.596	ug/l	95
57) 1,3-Dichloropropane	10.794	76	64501	23.750	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	122365	111.049	ug/l	98
59) 2-Hexanone	10.837	43	138651	120.865	ug/l	99
60) Dibromochloromethane	10.983	129	45078	23.651	ug/l	99
61) 1,2-Dibromoethane	11.093	107	34223	23.458	ug/l	100
64) Tetrachloroethene	10.721	164	49550	24.594	ug/l	97
65) Chlorobenzene	11.514	112	124469	23.369	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	46742	23.316	ug/l	98
67) Ethyl Benzene	11.593	91	223721	23.164	ug/l	99
68) m/p-Xylenes	11.703	106	175899	46.890	ug/l	99
69) o-Xylene	12.032	106	83534	23.168	ug/l	99
70) Styrene	12.044	104	141297	23.282	ug/l	99
71) Bromoform	12.209	173	30276	23.289	ug/l #	99
73) Isopropylbenzene	12.331	105	219460	22.777	ug/l	99
74) N-amyl acetate	12.142	43	67512	23.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	43803	23.637	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	35739m	24.985	ug/l	
77) Bromobenzene	12.605	156	54052	22.834	ug/l	98
78) n-propylbenzene	12.672	91	263178	22.998	ug/l	100
79) 2-Chlorotoluene	12.758	91	149206	23.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	186413	23.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15315	21.583	ug/l	98
82) 4-Chlorotoluene	12.855	91	155630	23.408	ug/l	99
83) tert-Butylbenzene	13.075	119	162874	22.700	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	183318	23.234	ug/l	99
85) sec-Butylbenzene	13.251	105	236976	22.899	ug/l	100
86) p-Isopropyltoluene	13.367	119	203874	22.945	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	106396	23.035	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	105972	23.127	ug/l	97
89) n-Butylbenzene	13.696	91	182577	22.682	ug/l	99
90) Hexachloroethane	13.959	117	38368	24.018	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	96463	23.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7958	22.653	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	64702	23.086	ug/l	99
94) Hexachlorobutadiene	15.111	225	41041	22.616	ug/l	100
95) Naphthalene	15.233	128	128446	23.249	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58646	23.620	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005688.D
Acq On : 16 Aug 2021 23:39
Operator : SY/MD
Sample : VY0816SBS02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS02

Manual Integrations
APPROVED

MMDadoda
8/17/2021 7:23:42 PM

Quant Time: Aug 17 05:22:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005688.D
Acq On : 16 Aug 2021 23:39
Operator : SY/MD
Sample : VY0816SBS02
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBS02

Manual Integrations
APPROVED

MMDadoda
8/17/2021 7:23:42 PM

Quant Time: Aug 17 05:22:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

