

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006381.D
 Acq On : 13 Oct 2021 12:37
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:21:31 PM

Quant Time: Oct 14 07:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	146313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	218870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70547	45.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.100%
35) Dibromofluoromethane	7.722	113	52798	45.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.300%
50) Toluene-d8	10.185	98	220677	45.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.180%
62) 4-Bromofluorobenzene	12.483	95	76089	45.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	31504	21.228	ug/l	98
3) Chloromethane	2.119	50	38645	22.356	ug/l	94
4) Vinyl Chloride	2.260	62	41522	21.673	ug/l	100
5) Bromomethane	2.650	94	28944	23.247	ug/l	98
6) Chloroethane	2.796	64	24391	21.638	ug/l	96
7) Trichlorofluoromethane	3.131	101	52541	20.821	ug/l	96
8) Diethyl Ether	3.534	74	16303	19.560	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	26851	19.932	ug/l	96
10) Methyl Iodide	4.101	142	21527	14.663	ug/l	95
11) Tert butyl alcohol	4.966	59	12403	90.544	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	26442	19.296	ug/l	95
13) Acrolein	3.735	56	4021	56.835	ug/l	99
14) Allyl chloride	4.485	41	51190	19.425	ug/l	99
15) Acrylonitrile	5.168	53	41128	93.818	ug/l	98
16) Acetone	3.954	43	39784	90.960	ug/l	99
17) Carbon Disulfide	4.204	76	87780	19.153	ug/l	100
18) Methyl Acetate	4.485	43	28497	19.322	ug/l	100
19) Methyl tert-butyl Ether	5.229	73	77853	19.454	ug/l	100
20) Methylene Chloride	4.723	84	30815	18.046	ug/l	91
21) trans-1,2-Dichloroethene	5.229	96	30534	20.098	ug/l	95
22) Diisopropyl ether	6.125	45	104022	19.952	ug/l	96
23) Vinyl Acetate	6.070	43	294393	94.206	ug/l	97
24) 1,1-Dichloroethane	6.021	63	55950	19.990	ug/l	98
25) 2-Butanone	6.990	43	54720	89.814	ug/l	96
26) 2,2-Dichloropropane	6.990	77	53278	20.816	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	34193	20.096	ug/l	96
28) Bromochloromethane	7.344	49	22577	19.373	ug/l	94
29) Tetrahydrofuran	7.356	42	35011	90.976	ug/l	96
30) Chloroform	7.515	83	57556	20.614	ug/l	94
31) Cyclohexane	7.789	56	55306	18.642	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	53634	20.804	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43289	19.879	ug/l	98
37) Ethyl Acetate	7.082	43	23991	18.912	ug/l	98
38) Carbon Tetrachloride	7.905	117	49586	21.564	ug/l	95
39) Methylcyclohexane	9.185	83	54180	19.808	ug/l	99
40) Benzene	8.167	78	126527	20.480	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006381.D
 Acq On : 13 Oct 2021 12:37
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:21:31 PM

Quant Time: Oct 14 07:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	13418	16.306	ug/l #	43
42) 1,2-Dichloroethane	8.240	62	42622	21.412	ug/l	98
43) Isopropyl Acetate	8.277	43	46765	19.220	ug/l	96
44) Trichloroethene	8.941	130	34153	21.404	ug/l	100
45) 1,2-Dichloropropane	9.222	63	30378	19.973	ug/l	93
46) Dibromomethane	9.307	93	16547	20.431	ug/l	97
47) Bromodichloromethane	9.502	83	44152	21.173	ug/l	98
48) Methyl methacrylate	9.295	41	21960	18.813	ug/l	96
49) 1,4-Dioxane	9.301	88	3907	369.755	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	122062	96.616	ug/l	97
52) Toluene	10.246	92	79890	20.847	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	47176	20.749	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	51406	20.567	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23203	20.361	ug/l	96
56) Ethyl methacrylate	10.514	69	33493	19.337	ug/l	95
57) 1,3-Dichloropropane	10.795	76	41031	19.898	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.789	63	80478	94.827	ug/l	98
59) 2-Hexanone	10.831	43	85294	94.792	ug/l	97
60) Dibromochloromethane	10.990	129	29211	21.098	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21414	19.846	ug/l	100
64) Tetrachloroethene	10.721	164	38191	23.168	ug/l	99
65) Chlorobenzene	11.520	112	84542	20.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31255	20.912	ug/l	99
67) Ethyl Benzene	11.593	91	155043	20.281	ug/l	99
68) m/p-Xylenes	11.703	106	120160	41.420	ug/l	97
69) o-Xylene	12.032	106	56459	20.607	ug/l	97
70) Styrene	12.044	104	96497	20.739	ug/l	99
71) Bromoform	12.209	173	18997	20.439	ug/l #	98
73) Isopropylbenzene	12.331	105	149861	19.415	ug/l	100
74) N-amyl acetate	12.142	43	42566	17.767	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	24484	17.564	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21864m	20.876	ug/l	
77) Bromobenzene	12.611	156	36493	20.165	ug/l	93
78) n-propylbenzene	12.672	91	186350	19.613	ug/l	99
79) 2-Chlorotoluene	12.758	91	103984	19.778	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	128684	19.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9906	18.587	ug/l	97
82) 4-Chlorotoluene	12.855	91	106716	19.625	ug/l	98
83) tert-Butylbenzene	13.075	119	109684	19.878	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	127695	20.037	ug/l	100
85) sec-Butylbenzene	13.258	105	166050	19.913	ug/l	100
86) p-Isopropyltoluene	13.373	119	141724	20.141	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	72742	20.288	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	72128	20.402	ug/l	99
89) n-Butylbenzene	13.697	91	130298	19.487	ug/l	100
90) Hexachloroethane	13.959	117	25632	20.058	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	64667	20.625	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4963	18.688	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	41568	20.063	ug/l	99
94) Hexachlorobutadiene	15.111	225	27425	20.291	ug/l	98
95) Naphthalene	15.239	128	74588	18.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36181	19.703	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
Data File : VY006381.D
Acq On : 13 Oct 2021 12:37
Operator : SY/MD
Sample : VY1013SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBS01

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:31 PM

Quant Time: Oct 14 07:04:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 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\VY101321\
 Data File : VY006381.D
 Acq On : 13 Oct 2021 12:37
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:21:31 PM

Quant Time: Oct 14 07:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

