

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006130.D
 Acq On : 24 Sep 2021 11:23
 Operator : SY/MD
 Sample : VY0924SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:58:01 AM

Quant Time: Sep 25 05:42:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	158563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	222762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	97367	44.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.420%
35) Dibromofluoromethane	7.722	113	74182	49.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.185	98	312782	48.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.483	95	107123	48.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30871	18.430	ug/l	100
3) Chloromethane	2.119	50	37190	17.855	ug/l	95
4) Vinyl Chloride	2.259	62	43828	18.636	ug/l	100
5) Bromomethane	2.643	94	30662	20.096	ug/l	99
6) Chloroethane	2.796	64	26356	18.687	ug/l	96
7) Trichlorofluoromethane	3.131	101	58990	19.241	ug/l	88
8) Diethyl Ether	3.533	74	19720	19.566	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	30950	20.220	ug/l	96
10) Methyl Iodide	4.100	142	28776	17.759	ug/l	93
11) Tert butyl alcohol	4.942	59	47657	116.838	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	31350	19.802	ug/l	92
13) Acrolein	3.734	56	9079	68.601	ug/l	100
14) Allyl chloride	4.490	41	63379	18.754	ug/l	95
15) Acrylonitrile	5.173	53	53979	94.027	ug/l	100
16) Acetone	3.954	43	55467	91.816	ug/l	92
17) Carbon Disulfide	4.198	76	103487	19.572	ug/l	99
18) Methyl Acetate	4.484	43	28317	18.608	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	95475	18.705	ug/l	96
20) Methylene Chloride	4.722	84	43002	20.028	ug/l #	87
21) trans-1,2-Dichloroethene	5.228	96	35603	20.055	ug/l	85
22) Diisopropyl ether	6.124	45	123278	18.772	ug/l	99
23) Vinyl Acetate	6.069	43	378813	91.418	ug/l	99
24) 1,1-Dichloroethane	6.027	63	64909	19.292	ug/l	99
25) 2-Butanone	6.996	43	77109	92.609	ug/l	97
26) 2,2-Dichloropropane	6.990	77	62538	19.621	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	38658	19.518	ug/l	99
28) Bromochloromethane	7.344	49	25889	17.516	ug/l	97
29) Tetrahydrofuran	7.356	42	47983	91.692	ug/l	98
30) Chloroform	7.514	83	64876	19.231	ug/l	97
31) Cyclohexane	7.795	56	66521	18.854	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	61022	19.265	ug/l	98
36) 1,1-Dichloropropene	7.923	75	51978	19.764	ug/l	99
37) Ethyl Acetate	7.081	43	32954	18.139	ug/l	98
38) Carbon Tetrachloride	7.904	117	53550	18.704	ug/l	98
39) Methylcyclohexane	9.185	83	61598	18.898	ug/l	99
40) Benzene	8.167	78	147617	19.574	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006130.D
 Acq On : 24 Sep 2021 11:23
 Operator : SY/MD
 Sample : VY0924SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0924SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 10:58:01 AM

Quant Time: Sep 25 05:42:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16803m	15.836	ug/l	
42) 1,2-Dichloroethane	8.240	62	48857	18.319	ug/l	97
43) Isopropyl Acetate	8.276	43	60326	17.827	ug/l	97
44) Trichloroethene	8.941	130	37825	20.127	ug/l	97
45) 1,2-Dichloropropane	9.221	63	35816	19.198	ug/l	93
46) Dibromomethane	9.307	93	19151	18.965	ug/l	96
47) Bromodichloromethane	9.502	83	49578	19.074	ug/l	98
48) Methyl methacrylate	9.294	41	28043	17.934	ug/l	96
49) 1,4-Dioxane	9.301	88	5580	400.409	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	162651	90.159	ug/l	98
52) Toluene	10.245	92	90490	19.472	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	53733	18.820	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	59678	19.380	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	27699	19.962	ug/l	99
56) Ethyl methacrylate	10.514	69	40842	18.412	ug/l	95
57) 1,3-Dichloropropane	10.794	76	49542	19.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	113623	97.843	ug/l	99
59) 2-Hexanone	10.837	43	114820	92.192	ug/l	96
60) Dibromochloromethane	10.989	129	33064	19.327	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25744	19.642	ug/l	98
64) Tetrachloroethene	10.721	164	37797	20.745	ug/l	97
65) Chlorobenzene	11.520	112	93801	19.679	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35444	19.951	ug/l	99
67) Ethyl Benzene	11.593	91	176392	19.469	ug/l	98
68) m/p-Xylenes	11.703	106	134643	39.191	ug/l	99
69) o-Xylene	12.032	106	63774	19.654	ug/l	97
70) Styrene	12.044	104	108602	19.538	ug/l	99
71) Bromoform	12.215	173	22016	19.792	ug/l #	99
73) Isopropylbenzene	12.330	105	171727	19.285	ug/l	99
74) N-amyl acetate	12.148	43	54487	17.719	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	31917	19.264	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	23543m	19.418	ug/l	
77) Bromobenzene	12.611	156	40182	19.339	ug/l	98
78) n-propylbenzene	12.672	91	211731	19.217	ug/l	100
79) 2-Chlorotoluene	12.757	91	117280	19.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	143777	19.468	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	12905	19.569	ug/l	93
82) 4-Chlorotoluene	12.855	91	121836	19.677	ug/l	99
83) tert-Butylbenzene	13.074	119	126046	19.955	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	140904	19.231	ug/l	98
85) sec-Butylbenzene	13.257	105	188298	19.914	ug/l	100
86) p-Isopropyltoluene	13.373	119	156695	19.411	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	79168	19.756	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	79082	19.675	ug/l	98
89) n-Butylbenzene	13.696	91	149155	19.759	ug/l	100
90) Hexachloroethane	13.964	117	28526	19.636	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	69239	19.683	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6183	18.811	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	44996	19.697	ug/l	99
94) Hexachlorobutadiene	15.110	225	29703	20.097	ug/l	100
95) Naphthalene	15.238	128	89860	19.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	39080	19.741	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
Data File : VY006130.D
Acq On : 24 Sep 2021 11:23
Operator : SY/MD
Sample : VY0924SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0924SBS01

Manual Integrations
APPROVED

MMDadoda
9/27/2021 10:58:01 AM

Quant Time: Sep 25 05:42:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration

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

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

