

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005970.D
 Acq On : 09 Sep 2021 11:35
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:39:11 PM

Quant Time: Sep 10 04:44:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	254341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	363396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120754	47.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.722	113	108591	53.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.420%
50) Toluene-d8	10.185	98	442128	51.620	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.483	95	152765	53.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53474	23.547	ug/l	98
3) Chloromethane	2.119	50	50687	21.073	ug/l	96
4) Vinyl Chloride	2.259	62	64486	20.627	ug/l	98
5) Bromomethane	2.643	94	46378	21.987	ug/l	94
6) Chloroethane	2.796	64	35469	18.973	ug/l	97
7) Trichlorofluoromethane	3.131	101	84495	21.158	ug/l	95
8) Diethyl Ether	3.534	74	28930	21.281	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	48746	22.669	ug/l	98
10) Methyl Iodide	4.094	142	49004	18.134	ug/l	98
11) Tert butyl alcohol	4.942	59	58432	115.935	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	47877	21.929	ug/l	90
13) Acrolein	3.735	56	10564	107.787	ug/l	97
14) Allyl chloride	4.491	41	74297	20.234	ug/l	95
15) Acrylonitrile	5.173	53	71282	103.686	ug/l	99
16) Acetone	3.954	43	65867	100.785	ug/l	93
17) Carbon Disulfide	4.198	76	148725	21.327	ug/l	97
18) Methyl Acetate	4.485	43	35993	19.837	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	138730	21.166	ug/l	97
20) Methylene Chloride	4.728	84	59714	21.001	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	54335	22.304	ug/l	94
22) Diisopropyl ether	6.125	45	154233	20.674	ug/l	95
23) Vinyl Acetate	6.064	43	467867	103.342	ug/l	99
24) 1,1-Dichloroethane	6.027	63	89891	21.123	ug/l	100
25) 2-Butanone	6.996	43	95867	103.835	ug/l	96
26) 2,2-Dichloropropane	6.990	77	83975	21.091	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	59029	21.564	ug/l	97
28) Bromochloromethane	7.344	49	32302	18.413	ug/l	91
29) Tetrahydrofuran	7.356	42	61795	103.299	ug/l	97
30) Chloroform	7.515	83	93234	21.350	ug/l	100
31) Cyclohexane	7.789	56	89188	20.631	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	86578	21.293	ug/l	98
36) 1,1-Dichloropropene	7.923	75	75198	21.978	ug/l	99
37) Ethyl Acetate	7.076	43	41164	20.089	ug/l	97
38) Carbon Tetrachloride	7.905	117	80869	21.806	ug/l	98
39) Methylcyclohexane	9.185	83	95664	22.075	ug/l	99
40) Benzene	8.167	78	210278	21.753	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005970.D
 Acq On : 09 Sep 2021 11:35
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 6:39:11 PM

Quant Time: Sep 10 04:44:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24599m	21.558	ug/l	
42) 1,2-Dichloroethane	8.240	62	63967	20.372	ug/l	98
43) Isopropyl Acetate	8.277	43	77412	20.800	ug/l	97
44) Trichloroethene	8.947	130	61755	22.781	ug/l	97
45) 1,2-Dichloropropane	9.222	63	50892	21.457	ug/l	99
46) Dibromomethane	9.307	93	30596	22.415	ug/l	97
47) Bromodichloromethane	9.502	83	72980	22.001	ug/l	96
48) Methyl methacrylate	9.295	41	34756	20.318	ug/l	94
49) 1,4-Dioxane	9.307	88	8617	458.397	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	208477	103.963	ug/l	97
52) Toluene	10.246	92	136203	21.863	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	79334	21.569	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	88580	21.949	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	44530	22.777	ug/l	99
56) Ethyl methacrylate	10.514	69	62787	22.187	ug/l	91
57) 1,3-Dichloropropane	10.794	76	76487	22.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	145774	99.799	ug/l	100
59) 2-Hexanone	10.837	43	147980	105.628	ug/l	95
60) Dibromochloromethane	10.989	129	55616	23.171	ug/l	100
61) 1,2-Dibromoethane	11.093	107	44005	23.629	ug/l	100
64) Tetrachloroethene	10.721	164	62564	22.566	ug/l	99
65) Chlorobenzene	11.520	112	150417	22.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	56210	22.100	ug/l	99
67) Ethyl Benzene	11.593	91	263979	21.735	ug/l	100
68) m/p-Xylenes	11.703	106	208397	43.513	ug/l	100
69) o-Xylene	12.032	106	98082	21.813	ug/l	99
70) Styrene	12.044	104	166743	21.740	ug/l	100
71) Bromoform	12.209	173	39316	23.446	ug/l #	99
73) Isopropylbenzene	12.331	105	262579	21.642	ug/l	100
74) N-amyl acetate	12.142	43	70171	20.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	51863	22.461	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	35526m	20.851	ug/l	
77) Bromobenzene	12.611	156	68263	22.337	ug/l	97
78) n-propylbenzene	12.672	91	318826	21.987	ug/l	99
79) 2-Chlorotoluene	12.757	91	177030	21.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	222826	21.920	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	19522	21.791	ug/l	95
82) 4-Chlorotoluene	12.855	91	183818	21.704	ug/l	99
83) tert-Butylbenzene	13.074	119	195683	22.023	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	220351	21.853	ug/l	99
85) sec-Butylbenzene	13.251	105	289849	22.133	ug/l	99
86) p-Isopropyltoluene	13.367	119	250268	22.055	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	132856	22.343	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	132518	22.311	ug/l	99
89) n-Butylbenzene	13.696	91	225032	22.165	ug/l	99
90) Hexachloroethane	13.965	117	46113	22.393	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	118459	22.467	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9411	21.731	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	81461	22.888	ug/l	99
94) Hexachlorobutadiene	15.111	225	52858	23.056	ug/l	99
95) Naphthalene	15.239	128	153511	22.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	71759	23.094	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
Data File : VY005970.D
Acq On : 09 Sep 2021 11:35
Operator : SY/MD
Sample : VY0909SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBSD01

Manual Integrations
APPROVED

MMDadoda
9/10/2021 6:39:11 PM

Quant Time: Sep 10 04:44:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration

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

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

