

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007300.D
 Acq On : 26 Jan 2022 12:12
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:32:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	92290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	155579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	135596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47597	42.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.060%		
35) Dibromofluoromethane	7.722	113	43525	41.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.740%		
50) Toluene-d8	10.185	98	145960	37.971	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	75.940%		
62) 4-Bromofluorobenzene	12.483	95	55209	40.377	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	2999	9.267	ug/l	94
3) Chloromethane	2.119	50	12738	18.770	ug/l	100
4) Vinyl Chloride	2.266	62	18221	18.448	ug/l	97
5) Bromomethane	2.662	94	12049	18.840	ug/l	99
6) Chloroethane	2.802	64	11239	18.237	ug/l	99
7) Trichlorofluoromethane	3.131	101	19311	18.142	ug/l	92
8) Diethyl Ether	3.534	74	11103	18.942	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	20404	19.674	ug/l	98
10) Methyl Iodide	4.101	142	28941	18.867	ug/l	98
11) Tert butyl alcohol	4.960	59	9608	96.552	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	19780	18.941	ug/l	95
13) Acrolein	3.735	56	2180	83.113	ug/l #	58
14) Allyl chloride	4.485	41	29488	17.610	ug/l	95
15) Acrylonitrile	5.174	53	28407	100.838	ug/l	96
16) Acetone	3.948	43	25220	85.815	ug/l	99
17) Carbon Disulfide	4.204	76	45072	15.541	ug/l	98
18) Methyl Acetate	4.485	43	23600	22.568	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	42170	20.511	ug/l	97
20) Methylene Chloride	4.723	84	23710	19.510	ug/l	94
21) trans-1,2-Dichloroethene	5.229	96	20722	18.303	ug/l	93
22) Diisopropyl ether	6.125	45	67360	19.857	ug/l	98
23) Vinyl Acetate	6.064	43	174036	87.237	ug/l	96
24) 1,1-Dichloroethane	6.021	63	40389	19.572	ug/l	99
25) 2-Butanone	6.990	43	35311	92.931	ug/l	97
26) 2,2-Dichloropropane	6.990	77	30613	20.355	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	24964	19.438	ug/l	97
28) Bromochloromethane	7.344	49	11131	14.912	ug/l	98
29) Tetrahydrofuran	7.356	42	23290	95.352	ug/l	97
30) Chloroform	7.515	83	43471	20.275	ug/l	96
31) Cyclohexane	7.789	56	33634	17.568	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	37374	20.393	ug/l	98
36) 1,1-Dichloropropene	7.923	75	31124	18.524	ug/l	99
37) Ethyl Acetate	7.082	43	16051	18.615	ug/l	98
38) Carbon Tetrachloride	7.905	117	33640	19.035	ug/l	99
39) Methylcyclohexane	9.185	83	36768	17.923	ug/l	98
40) Benzene	8.167	78	85144	18.998	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007300.D
 Acq On : 26 Jan 2022 12:12
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:32:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	12469m	25.111	ug/l	
42) 1,2-Dichloroethane	8.240	62	26831	19.011	ug/l	100
43) Isopropyl Acetate	8.277	43	31056	18.510	ug/l	98
44) Trichloroethene	8.941	130	22944	18.918	ug/l	96
45) 1,2-Dichloropropane	9.222	63	21644	18.991	ug/l	93
46) Dibromomethane	9.313	93	12659	18.783	ug/l	96
47) Bromodichloromethane	9.502	83	32541	19.640	ug/l	98
48) Methyl methacrylate	9.295	41	13835	18.129	ug/l	99
49) 1,4-Dioxane	9.301	88	2618	360.262	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	80617	94.764	ug/l	98
52) Toluene	10.252	92	54195	19.077	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	33116	18.934	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	37138	18.969	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	18038	19.731	ug/l	97
56) Ethyl methacrylate	10.514	69	23325	18.111	ug/l	93
57) 1,3-Dichloropropane	10.795	76	31061	19.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	61372	104.797	ug/l	100
59) 2-Hexanone	10.837	43	53216	92.174	ug/l	97
60) Dibromochloromethane	10.990	129	21739	19.344	ug/l	99
61) 1,2-Dibromoethane	11.093	107	17277	19.237	ug/l	100
64) Tetrachloroethene	10.722	164	19054	19.495	ug/l	93
65) Chlorobenzene	11.520	112	58566	19.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	21945	19.967	ug/l	99
67) Ethyl Benzene	11.599	91	108537	19.477	ug/l	100
68) m/p-Xylenes	11.709	106	79759	38.515	ug/l	97
69) o-Xylene	12.032	106	38541	19.763	ug/l	99
70) Styrene	12.051	104	65542	19.922	ug/l	99
71) Bromoform	12.215	173	12453	19.588	ug/l #	100
73) Isopropylbenzene	12.337	105	105476	19.999	ug/l	100
74) N-amyl acetate	12.148	43	26629	18.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	20683	20.167	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	13628m	19.572	ug/l	
77) Bromobenzene	12.611	156	22917	19.969	ug/l	99
78) n-propylbenzene	12.672	91	130953	20.029	ug/l	98
79) 2-Chlorotoluene	12.764	91	72091	19.832	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	86310	19.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	7267	19.107	ug/l #	99
82) 4-Chlorotoluene	12.861	91	74877	19.746	ug/l	99
83) tert-Butylbenzene	13.081	119	76728	20.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.124	105	85786	19.985	ug/l	100
85) sec-Butylbenzene	13.258	105	114681	20.486	ug/l	98
86) p-Isopropyltoluene	13.373	119	93535	20.332	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	44837	19.961	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	44389	19.652	ug/l	99
89) n-Butylbenzene	13.703	91	91331	20.163	ug/l	99
90) Hexachloroethane	13.965	117	18459	20.524	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	39290	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2905	16.400	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	23012	18.934	ug/l	99
94) Hexachlorobutadiene	15.117	225	12313	19.657	ug/l	99
95) Naphthalene	15.239	128	47398	18.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	19396	18.706	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
Data File : VY007300.D
Acq On : 26 Jan 2022 12:12
Operator : SY/MD
Sample : VY0126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/27/2022
Supervised By :Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 00:32:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
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\VY012622\
Data File : VY007300.D
Acq On : 26 Jan 2022 12:12
Operator : SY/MD
Sample : VY0126SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

Quant Time: Jan 27 00:32:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/27/2022
Supervised By : Mahesh Dadoda 01/27/2022

