

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015669.D
 Acq On : 21 Sep 2023 11:38
 Operator : SY/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:19:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72244	43.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.540%		
35) Dibromofluoromethane	7.716	113	69139	45.361	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.720%		
50) Toluene-d8	10.179	98	222349	43.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.040%		
62) 4-Bromofluorobenzene	12.483	95	88802	43.785	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19112	19.107	ug/l	99
3) Chloromethane	2.107	50	23710	18.789	ug/l	100
4) Vinyl Chloride	2.247	62	28570	19.802	ug/l	97
5) Bromomethane	2.643	94	21193	17.236	ug/l	98
6) Chloroethane	2.784	64	21357	19.971	ug/l	99
7) Trichlorofluoromethane	3.119	101	50012	20.669	ug/l	99
8) Diethyl Ether	3.527	74	20519	19.885	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	30814	20.339	ug/l	95
10) Methyl Iodide	4.088	142	26476	16.779	ug/l	99
11) Tert butyl alcohol	4.984	59	49390	122.022	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	25422	19.042	ug/l	90
13) Acrolein	3.735	56	22999	89.944	ug/l	99
14) Allyl chloride	4.478	41	46426	19.020	ug/l	95
15) Acrylonitrile	5.167	53	78861	104.181	ug/l	98
16) Acetone	3.960	43	93035	104.122	ug/l	92
17) Carbon Disulfide	4.192	76	45841	17.675	ug/l	98
18) Methyl Acetate	4.484	43	63459	21.168	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	108009	19.864	ug/l	96
20) Methylene Chloride	4.716	84	47773	21.672	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	29981	19.648	ug/l	94
22) Diisopropyl ether	6.118	45	118730	20.212	ug/l	97
23) Vinyl Acetate	6.063	43	359856	99.249	ug/l	97
24) 1,1-Dichloroethane	6.015	63	64139	20.032	ug/l	96
25) 2-Butanone	6.990	43	132615	105.004	ug/l	96
26) 2,2-Dichloropropane	6.978	77	54897	18.759	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	40262	19.875	ug/l	96
28) Bromochloromethane	7.338	49	16440	18.925	ug/l	99
29) Tetrahydrofuran	7.356	42	74606	104.514	ug/l	95
30) Chloroform	7.508	83	68321	19.925	ug/l	94
31) Cyclohexane	7.783	56	45706	19.761	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	57893	20.452	ug/l	97
36) 1,1-Dichloropropene	7.917	75	44210	19.617	ug/l	99
37) Ethyl Acetate	7.082	43	47376	21.075	ug/l	97
38) Carbon Tetrachloride	7.905	117	49309	20.157	ug/l	99
39) Methylcyclohexane	9.185	83	48370	19.405	ug/l	95
40) Benzene	8.161	78	138777	20.193	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015669.D
 Acq On : 21 Sep 2023 11:38
 Operator : SY/MD
 Sample : VY0921SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:19:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	23130	19.110	ug/l	96
42) 1,2-Dichloroethane	8.240	62	47787	20.302	ug/l	95
43) Isopropyl Acetate	8.276	43	78721	20.501	ug/l	99
44) Trichloroethene	8.941	130	39370	20.510	ug/l	99
45) 1,2-Dichloropropane	9.215	63	38792	20.240	ug/l	99
46) Dibromomethane	9.307	93	25074	20.452	ug/l	93
47) Bromodichloromethane	9.496	83	55400	20.273	ug/l	97
48) Methyl methacrylate	9.295	41	34062	20.209	ug/l	91
49) 1,4-Dioxane	9.313	88	10948	452.018	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	255452	107.331	ug/l	95
52) Toluene	10.246	92	89760	20.258	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57591	19.653	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	62731	19.887	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	37441	20.839	ug/l	96
56) Ethyl methacrylate	10.514	69	53160	20.078	ug/l	89
57) 1,3-Dichloropropane	10.794	76	61375	20.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	78107	92.871	ug/l	96
59) 2-Hexanone	10.837	43	196601	107.668	ug/l	92
60) Dibromochloromethane	10.983	129	42625	20.324	ug/l	98
61) 1,2-Dibromoethane	11.087	107	35498	20.196	ug/l	100
64) Tetrachloroethene	10.721	164	41443	20.759	ug/l	97
65) Chlorobenzene	11.520	112	102417	20.164	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39751	20.148	ug/l	98
67) Ethyl Benzene	11.593	91	178560	20.113	ug/l	100
68) m/p-Xylenes	11.703	106	139003	41.194	ug/l	95
69) o-Xylene	12.032	106	66150	19.992	ug/l	99
70) Styrene	12.044	104	115019	20.308	ug/l	97
71) Bromoform	12.209	173	29327	20.512	ug/l #	98
73) Isopropylbenzene	12.331	105	180521	20.396	ug/l	100
74) N-amyl acetate	12.148	43	66976	20.134	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	51350	20.846	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	41890m	22.255	ug/l	
77) Bromobenzene	12.611	156	44266	20.375	ug/l	95
78) n-propylbenzene	12.672	91	219446	20.409	ug/l	100
79) 2-Chlorotoluene	12.757	91	123904	20.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	151417	20.435	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	17081	20.436	ug/l	94
82) 4-Chlorotoluene	12.855	91	128521	20.086	ug/l	100
83) tert-Butylbenzene	13.074	119	131759	20.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	151844	20.481	ug/l	98
85) sec-Butylbenzene	13.257	105	200714	20.667	ug/l	100
86) p-Isopropyltoluene	13.373	119	166026	20.465	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	87243	20.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88493	20.529	ug/l	98
89) n-Butylbenzene	13.696	91	157241	20.469	ug/l	97
90) Hexachloroethane	13.964	117	31492	20.114	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	80443	20.218	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10314	21.082	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	50507	20.164	ug/l	98
94) Hexachlorobutadiene	15.111	225	26575	20.718	ug/l	96
95) Naphthalene	15.239	128	131431	20.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46166	19.969	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
Data File : VY015669.D
Acq On : 21 Sep 2023 11:38
Operator : SY/MD
Sample : VY0921SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:19:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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\VY092123\
 Data File : VY015669.D
 Acq On : 21 Sep 2023 11:38
 Operator : SY/MD
 Sample : VY0921SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:19:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

