

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032944.D
 Acq On : 21 Nov 2022 12:04
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 05:10:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62310	50.733	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.460%			
35) Dibromofluoromethane	5.385	113	52533	54.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.020%			
50) Toluene-d8	8.647	98	166081	49.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.200%			
62) 4-Bromofluorobenzene	11.079	95	68995	52.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15563	15.266	ug/l	100
3) Chloromethane	1.294	50	13237	15.353	ug/l	97
4) Vinyl Chloride	1.374	62	15675	16.520	ug/l	98
5) Bromomethane	1.618	94	12377	16.322	ug/l	98
6) Chloroethane	1.691	64	13273	20.851	ug/l	98
7) Trichlorofluoromethane	1.892	101	32624	18.146	ug/l	95
8) Diethyl Ether	2.130	74	11008	18.894	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18874	19.890	ug/l	99
10) Methyl Iodide	2.453	142	17873	18.201	ug/l	98
11) Tert butyl alcohol	2.989	59	12897	72.146	ug/l	100
12) 1,1-Dichloroethene	2.319	96	15627	17.628	ug/l	98
13) Acrolein	2.239	56	17941	100.532	ug/l	98
14) Allyl chloride	2.666	41	25726	18.206	ug/l	99
15) Acrylonitrile	3.062	53	43198	89.040	ug/l	100
16) Acetone	2.386	43	47160	105.647	ug/l	99
17) Carbon Disulfide	2.514	76	30287	14.344	ug/l	98
18) Methyl Acetate	2.703	43	28940	19.936	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	62957	20.207	ug/l	98
20) Methylene Chloride	2.794	84	19794	19.340	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	16921	17.536	ug/l	98
22) Diisopropyl ether	3.757	45	61839	20.232	ug/l	93
23) Vinyl Acetate	3.721	43	226496	91.721	ug/l	100
24) 1,1-Dichloroethane	3.605	63	34932	19.869	ug/l	98
25) 2-Butanone	4.556	43	62372	90.187	ug/l	97
26) 2,2-Dichloropropane	4.477	77	28119	20.120	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	21692	19.449	ug/l	95
28) Bromochloromethane	4.897	49	11688	18.664	ug/l	99
29) Tetrahydrofuran	5.013	42	36517	82.805	ug/l	100
30) Chloroform	5.093	83	40245	20.862	ug/l	99
31) Cyclohexane	5.477	56	24983	16.776	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	34952	20.190	ug/l	98
36) 1,1-Dichloropropene	5.690	75	25540	18.856	ug/l	99
37) Ethyl Acetate	4.715	43	23950	16.987	ug/l	99
38) Carbon Tetrachloride	5.672	117	30062	20.010	ug/l	98
39) Methylcyclohexane	7.379	83	28274	17.643	ug/l	96
40) Benzene	6.037	78	76106	19.855	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032944.D
 Acq On : 21 Nov 2022 12:04
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 05:10:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13439	18.711	ug/l	99
42) 1,2-Dichloroethane	6.086	62	32835	20.956	ug/l	100
43) Isopropyl Acetate	6.336	43	40866	18.877	ug/l	99
44) Trichloroethene	7.123	130	21261	19.704	ug/l	98
45) 1,2-Dichloropropane	7.427	63	20382	20.715	ug/l	100
46) Dibromomethane	7.580	93	15615	20.693	ug/l	98
47) Bromodichloromethane	7.818	83	31481	22.012	ug/l	98
48) Methyl methacrylate	7.690	41	20654	18.473	ug/l	100
49) 1,4-Dioxane	7.696	88	6815	319.848	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	126368	92.675	ug/l	100
52) Toluene	8.720	92	49686	19.868	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29999	20.558	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	32175	20.615	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22347	21.218	ug/l	98
56) Ethyl methacrylate	9.116	69	29623	19.545	ug/l	99
57) 1,3-Dichloropropane	9.305	76	35746	21.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	75892	103.993	ug/l	99
59) 2-Hexanone	9.427	43	93513	92.425	ug/l	99
60) Dibromochloromethane	9.519	129	24971	21.707	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22127	19.828	ug/l	99
64) Tetrachloroethene	9.275	164	18975	21.085	ug/l	94
65) Chlorobenzene	10.079	112	56578	20.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22638	21.840	ug/l	98
67) Ethyl Benzene	10.195	91	100095	20.324	ug/l	99
68) m/p-Xylenes	10.299	106	75511	39.484	ug/l	98
69) o-Xylene	10.640	106	38780	20.856	ug/l	97
70) Styrene	10.652	104	63671	20.604	ug/l	99
71) Bromoform	10.799	173	16858	20.570	ug/l #	100
73) Isopropylbenzene	10.963	105	102888	19.310	ug/l	99
74) N-amyl acetate	10.841	43	35309	17.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	32402	18.945	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25596m	17.110	ug/l	
77) Bromobenzene	11.201	156	25788	19.741	ug/l	99
78) n-propylbenzene	11.305	91	117464	19.134	ug/l	100
79) 2-Chlorotoluene	11.366	91	71765	19.520	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88642	19.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7629	16.228	ug/l	91
82) 4-Chlorotoluene	11.451	91	84431	19.626	ug/l	100
83) tert-Butylbenzene	11.713	119	88914	19.557	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	89705	19.805	ug/l	98
85) sec-Butylbenzene	11.890	105	106797	19.522	ug/l	100
86) p-Isopropyltoluene	12.006	119	91193	19.645	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49188	19.962	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	48912	19.134	ug/l	99
89) n-Butylbenzene	12.329	91	77086	19.088	ug/l	100
90) Hexachloroethane	12.536	117	15059	19.861	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	48441	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6392	17.046	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	30215	19.072	ug/l	97
94) Hexachlorobutadiene	13.725	225	13917	21.034	ug/l	98
95) Naphthalene	13.774	128	95202	18.035	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30424	18.892	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
Data File : VX032944.D
Acq On : 21 Nov 2022 12:04
Operator : JC/MD
Sample : VX1121WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 05:10:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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

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

Manual Integrations

Quant Time: Nov 22 05:10:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

