

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038977.D
 Acq On : 21 Nov 2023 12:20
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:16:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	114735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	218092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96707	52.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.620%			
35) Dibromofluoromethane	5.385	113	74926	47.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.140%			
50) Toluene-d8	8.646	98	279785	46.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.860%			
62) 4-Bromofluorobenzene	11.079	95	111045	46.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27284	20.380	ug/l	97
3) Chloromethane	1.294	50	29775	17.040	ug/l	98
4) Vinyl Chloride	1.373	62	31421	18.668	ug/l	98
5) Bromomethane	1.605	94	21411	30.767	ug/l	98
6) Chloroethane	1.690	64	19188	19.976	ug/l	98
7) Trichlorofluoromethane	1.891	101	43676	20.449	ug/l	97
8) Diethyl Ether	2.129	74	17945	19.290	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	26658	18.820	ug/l	95
10) Methyl Iodide	2.452	142	29554	17.143	ug/l	94
11) Tert butyl alcohol	2.946	59	52347	101.802	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	25137	17.578	ug/l	97
13) Acrolein	2.233	56	30118	110.709	ug/l	99
14) Allyl chloride	2.666	41	53883	18.820	ug/l	96
15) Acrylonitrile	3.062	53	103058	94.852	ug/l	98
16) Acetone	2.373	43	108190	109.929	ug/l	93
17) Carbon Disulfide	2.513	76	69992	15.801	ug/l	99
18) Methyl Acetate	2.702	43	96343	20.609	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	100785	20.038	ug/l	96
20) Methylene Chloride	2.788	84	33019	18.611	ug/l	95
21) trans-1,2-Dichloroethene	3.092	96	27548	17.459	ug/l	97
22) Diisopropyl ether	3.757	45	103039	19.617	ug/l	98
23) Vinyl Acetate	3.720	43	368323	97.367	ug/l	100
24) 1,1-Dichloroethane	3.611	63	57343	19.523	ug/l	98
25) 2-Butanone	4.550	43	156722	98.198	ug/l	98
26) 2,2-Dichloropropane	4.476	77	49379	19.381	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	33955	18.461	ug/l	99
28) Bromochloromethane	4.891	49	27794	19.709	ug/l	96
29) Tetrahydrofuran	5.001	42	97329	96.046	ug/l	98
30) Chloroform	5.092	83	56822	19.812	ug/l	96
31) Cyclohexane	5.470	56	48374	18.326	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	48792	19.641	ug/l	100
36) 1,1-Dichloropropene	5.690	75	41206	18.253	ug/l	99
37) Ethyl Acetate	4.708	43	54111	18.398	ug/l	98
38) Carbon Tetrachloride	5.677	117	40131	19.234	ug/l	97
39) Methylcyclohexane	7.378	83	50174	17.039	ug/l	98
40) Benzene	6.037	78	121856	18.250	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038977.D
 Acq On : 21 Nov 2023 12:20
 Operator : JC/MD
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:16:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	26885	17.624	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	46390	20.970	ug/l	98
43) Isopropyl Acetate	6.336	43	88737	18.878	ug/l	99
44) Trichloroethene	7.122	130	31086	19.127	ug/l	90
45) 1,2-Dichloropropane	7.427	63	33547	18.670	ug/l	100
46) Dibromomethane	7.579	93	23248	19.401	ug/l	97
47) Bromodichloromethane	7.823	83	45297	19.046	ug/l	97
48) Methyl methacrylate	7.689	41	40824	17.901	ug/l	92
49) 1,4-Dioxane	7.659	88	16623	376.758	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	292134	97.254	ug/l	100
52) Toluene	8.720	92	75651	18.258	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	51985	18.393	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	54255	18.584	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	31830	18.411	ug/l	92
56) Ethyl methacrylate	9.116	69	54671	18.690	ug/l	97
57) 1,3-Dichloropropane	9.305	76	54653	19.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	129043	94.698	ug/l	96
59) 2-Hexanone	9.427	43	235207	97.691	ug/l	98
60) Dibromochloromethane	9.518	129	33427	19.015	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34630	19.089	ug/l	99
64) Tetrachloroethene	9.274	164	23975	18.805	ug/l	96
65) Chlorobenzene	10.079	112	83451	18.887	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	29576	18.609	ug/l	97
67) Ethyl Benzene	10.195	91	151434	18.655	ug/l	98
68) m/p-Xylenes	10.299	106	114244	37.204	ug/l	98
69) o-Xylene	10.640	106	55632	18.309	ug/l	97
70) Styrene	10.652	104	91961	17.921	ug/l	99
71) Bromoform	10.798	173	24155	18.231	ug/l #	99
73) Isopropylbenzene	10.963	105	147887	18.482	ug/l	100
74) N-amyl acetate	10.841	43	74629	17.643	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	55458	17.755	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	46503m	18.149	ug/l	
77) Bromobenzene	11.195	156	32867	18.280	ug/l	97
78) n-propylbenzene	11.304	91	181175	18.395	ug/l	97
79) 2-Chlorotoluene	11.365	91	104743	17.920	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126289	18.771	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	18701	16.189	ug/l	89
82) 4-Chlorotoluene	11.451	91	124931	18.536	ug/l	99
83) tert-Butylbenzene	11.713	119	123253	18.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	125994	18.502	ug/l	100
85) sec-Butylbenzene	11.890	105	159450	18.397	ug/l	98
86) p-Isopropyltoluene	12.006	119	127372	18.307	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	64520	18.325	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66103	18.344	ug/l	98
89) n-Butylbenzene	12.335	91	123707	17.623	ug/l	98
90) Hexachloroethane	12.536	117	24221	17.432	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62339	18.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	13985	18.274	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	40847	18.253	ug/l	97
94) Hexachlorobutadiene	13.725	225	13602	17.164	ug/l	98
95) Naphthalene	13.773	128	149363	17.921	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	39774	18.750	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
Data File : VX038977.D
Acq On : 21 Nov 2023 12:20
Operator : JC/MD
Sample : VX1121WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:16:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

[illegible]