

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027393.D
 Acq On : 11 Mar 2022 11:36
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	357578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191104	45.829	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.660%		
35) Dibromofluoromethane	5.385	113	175170	49.413	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.820%		
50) Toluene-d8	8.653	98	660897	49.382	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.079	95	244996	48.031	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66504	18.144	ug/l	99
3) Chloromethane	1.295	50	63630	16.509	ug/l	99
4) Vinyl Chloride	1.374	62	67935	17.149	ug/l	99
5) Bromomethane	1.599	94	46349	26.518	ug/l	100
6) Chloroethane	1.685	64	39942	16.331	ug/l	98
7) Trichlorofluoromethane	1.886	101	96297	17.456	ug/l	94
8) Diethyl Ether	2.136	74	36636	17.044	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	65234	18.088	ug/l	93
10) Methyl Iodide	2.453	142	89186	17.519	ug/l	99
11) Tert butyl alcohol	2.965	59	69386	84.879	ug/l	100
12) 1,1-Dichloroethene	2.319	96	61202	17.652	ug/l	94
13) Acrolein	2.233	56	42554	74.263	ug/l	95
14) Allyl chloride	2.666	41	89908	16.532	ug/l	97
15) Acrylonitrile	3.063	53	183757	85.414	ug/l	99
16) Acetone	2.380	43	145732	88.307	ug/l	100
17) Carbon Disulfide	2.508	76	147691	15.679	ug/l	100
18) Methyl Acetate	2.703	43	76461	16.680	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	199978	17.408	ug/l	100
20) Methylene Chloride	2.788	84	70603	17.331	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	67154	17.426	ug/l	94
22) Diisopropyl ether	3.764	45	190208	17.495	ug/l	94
23) Vinyl Acetate	3.721	43	792020	87.082	ug/l	96
24) 1,1-Dichloroethane	3.611	63	114634	17.365	ug/l	98
25) 2-Butanone	4.556	43	240033	83.568	ug/l	99
26) 2,2-Dichloropropane	4.477	77	82839	17.502	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	77624	17.361	ug/l	94
28) Bromochloromethane	4.898	49	46093	16.781	ug/l	90
29) Tetrahydrofuran	5.007	42	159729	84.045	ug/l	95
30) Chloroform	5.093	83	123635	17.744	ug/l	98
31) Cyclohexane	5.471	56	101884	17.468	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	105526	17.720	ug/l	98
36) 1,1-Dichloropropene	5.696	75	89873	18.260	ug/l	97
37) Ethyl Acetate	4.715	43	88558	17.069	ug/l	98
38) Carbon Tetrachloride	5.678	117	96872	19.034	ug/l	98
39) Methylcyclohexane	7.379	83	113689	18.292	ug/l	98
40) Benzene	6.038	78	271207	18.092	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027393.D
 Acq On : 11 Mar 2022 11:36
 Operator : JC/MD
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49884	17.833	ug/l	96
42) 1,2-Dichloroethane	6.086	62	89925	18.363	ug/l	100
43) Isopropyl Acetate	6.342	43	134260	17.167	ug/l	99
44) Trichloroethene	7.129	130	77710	18.874	ug/l	99
45) 1,2-Dichloropropane	7.434	63	67360	17.933	ug/l	99
46) Dibromomethane	7.580	93	49165	18.397	ug/l	95
47) Bromodichloromethane	7.824	83	93012	18.847	ug/l	99
48) Methyl methacrylate	7.696	41	67598	17.381	ug/l	94
49) 1,4-Dioxane	7.659	88	38831	381.282	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	462319	88.294	ug/l	97
52) Toluene	8.720	92	181443	18.986	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	91302	18.031	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105353	18.535	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	74278	18.624	ug/l	97
56) Ethyl methacrylate	9.116	69	105197	17.882	ug/l	96
57) 1,3-Dichloropropane	9.311	76	117965	18.322	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	252058	84.863	ug/l	97
59) 2-Hexanone	9.433	43	352807	87.227	ug/l	96
60) Dibromochloromethane	9.525	129	77179	18.961	ug/l	98
61) 1,2-Dibromoethane	9.610	107	77969	18.931	ug/l	99
64) Tetrachloroethene	9.275	164	70480	19.936	ug/l	96
65) Chlorobenzene	10.080	112	202160	19.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	72654	19.579	ug/l	100
67) Ethyl Benzene	10.195	91	344309	18.811	ug/l	98
68) m/p-Xylenes	10.305	106	275500	38.374	ug/l	98
69) o-Xylene	10.640	106	133542	18.840	ug/l	99
70) Styrene	10.659	104	221667	18.840	ug/l	100
71) Bromoform	10.799	173	57682	19.034	ug/l #	100
73) Isopropylbenzene	10.964	105	347544	18.716	ug/l	99
74) N-amyl acetate	10.842	43	112201	16.532	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	113656	17.811	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101083m	18.145	ug/l	
77) Bromobenzene	11.201	156	88671	18.923	ug/l	93
78) n-propylbenzene	11.305	91	392693	18.800	ug/l	98
79) 2-Chlorotoluene	11.366	91	239523	18.347	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	301940	18.965	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29777	17.287	ug/l	91
82) 4-Chlorotoluene	11.457	91	270210	18.296	ug/l	97
83) tert-Butylbenzene	11.713	119	300301	18.870	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	299874	18.991	ug/l	100
85) sec-Butylbenzene	11.890	105	362014	18.861	ug/l	99
86) p-Isopropyltoluene	12.012	119	307708	18.936	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164546	18.690	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	165375	18.554	ug/l	99
89) n-Butylbenzene	12.335	91	250776	18.424	ug/l	98
90) Hexachloroethane	12.543	117	46042	18.179	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	161909	18.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22111	16.538	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	106421	18.678	ug/l	99
94) Hexachlorobutadiene	13.725	225	47757	19.115	ug/l	93
95) Naphthalene	13.780	128	352553	18.432	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	107450	18.871	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
Data File : VX027393.D
Acq On : 11 Mar 2022 11:36
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:09:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

[illegible]