

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031201.D
 Acq On : 08 Sep 2022 09:45
 Operator : JC/MD
 Sample : VX0907WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS03

Quant Time: Sep 08 14:00:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	46721	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	79004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61514	55.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.220%			
35) Dibromofluoromethane	5.385	113	44157	51.290	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	156064	49.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.079	95	63214	55.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18205	24.247	ug/l	91
3) Chloromethane	1.288	50	11751	20.367	ug/l	99
4) Vinyl Chloride	1.374	62	13858	20.347	ug/l	89
5) Bromomethane	1.611	94	8948	20.563	ug/l	96
6) Chloroethane	1.685	64	9533	24.951	ug/l	100
7) Trichlorofluoromethane	1.886	101	35467	23.898	ug/l	100
8) Diethyl Ether	2.130	74	9248	21.939	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	19029	22.674	ug/l	96
10) Methyl Iodide	2.447	142	17996	17.341	ug/l	# 85
11) Tert butyl alcohol	3.014	59	25705m	115.537	ug/l	
12) 1,1-Dichloroethene	2.319	96	15915	20.176	ug/l	# 75
13) Acrolein	2.239	56	14410	93.801	ug/l	100
14) Allyl chloride	2.666	41	22833	21.547	ug/l	# 77
15) Acrylonitrile	3.068	53	46411	110.190	ug/l	97
16) Acetone	2.392	43	44849	117.099	ug/l	90
17) Carbon Disulfide	2.508	76	40278	20.769	ug/l	98
18) Methyl Acetate	2.709	43	20559	20.735	ug/l	# 85
19) Methyl tert-butyl Ether	3.111	73	63369	22.618	ug/l	93
20) Methylene Chloride	2.788	84	19042	21.154	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	17996	20.590	ug/l	95
22) Diisopropyl ether	3.763	45	45344	20.378	ug/l	# 89
23) Vinyl Acetate	3.721	43	201080	107.659	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	32890	22.284	ug/l	96
25) 2-Butanone	4.562	43	59431	104.759	ug/l	93
26) 2,2-Dichloropropane	4.477	77	32885	24.899	ug/l	87
27) cis-1,2-Dichloroethene	4.483	96	19451	19.384	ug/l	90
28) Bromochloromethane	4.897	49	10600	19.806	ug/l	# 78
29) Tetrahydrofuran	5.013	42	33694	100.597	ug/l	# 80
30) Chloroform	5.099	83	38117	21.833	ug/l	100
31) Cyclohexane	5.464	56	25160	20.355	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	37069	23.558	ug/l	98
36) 1,1-Dichloropropene	5.696	75	27775	21.543	ug/l	95
37) Ethyl Acetate	4.714	43	21889	19.137	ug/l	96
38) Carbon Tetrachloride	5.672	117	31713	23.378	ug/l	94
39) Methylcyclohexane	7.385	83	32242	21.896	ug/l	94
40) Benzene	6.037	78	71580	20.437	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031201.D
 Acq On : 08 Sep 2022 09:45
 Operator : JC/MD
 Sample : VX0907WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 14:00:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11409	19.076	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	32364	22.569	ug/l	93
43) Isopropyl Acetate	6.342	43	37692	20.901	ug/l #	95
44) Trichloroethene	7.129	130	21007	21.337	ug/l	96
45) 1,2-Dichloropropane	7.427	63	17632	20.484	ug/l	94
46) Dibromomethane	7.580	93	14800	21.684	ug/l	93
47) Bromodichloromethane	7.824	83	29834	22.470	ug/l	95
48) Methyl methacrylate	7.696	41	18821	21.432	ug/l	89
49) 1,4-Dioxane	7.714	88	10128	417.784	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	112365	101.755	ug/l	91
52) Toluene	8.720	92	46345	20.062	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	30865	22.315	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	31613	21.289	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	18922	19.923	ug/l	93
56) Ethyl methacrylate	9.116	69	29019	20.739	ug/l	91
57) 1,3-Dichloropropane	9.311	76	33135	20.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	63991	97.033	ug/l	93
59) 2-Hexanone	9.433	43	87073	104.269	ug/l	94
60) Dibromochloromethane	9.518	129	21527	21.985	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22490	21.308	ug/l	93
64) Tetrachloroethene	9.275	164	17057	19.015	ug/l	92
65) Chlorobenzene	10.079	112	51219	20.188	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20269	20.454	ug/l	95
67) Ethyl Benzene	10.195	91	96240	20.932	ug/l	94
68) m/p-Xylenes	10.299	106	72629	42.614	ug/l	90
69) o-Xylene	10.640	106	34141	20.071	ug/l	84
70) Styrene	10.659	104	58954	21.613	ug/l #	93
71) Bromoform	10.799	173	14004	21.210	ug/l #	94
73) Isopropylbenzene	10.963	105	98040	20.938	ug/l	96
74) N-amyl acetate	10.841	43	30381	20.380	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	29333	20.068	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	28642m	19.463	ug/l	
77) Bromobenzene	11.201	156	20564	20.207	ug/l	93
78) n-propylbenzene	11.305	91	113313	21.230	ug/l	96
79) 2-Chlorotoluene	11.366	91	68373	20.677	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	82459	20.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9512	20.845	ug/l	91
82) 4-Chlorotoluene	11.457	91	80458	21.030	ug/l	93
83) tert-Butylbenzene	11.713	119	79856	20.579	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	84236	22.012	ug/l	90
85) sec-Butylbenzene	11.890	105	99744	20.754	ug/l	99
86) p-Isopropyltoluene	12.012	119	84363	21.728	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	39573	20.923	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	39488	20.302	ug/l	96
89) n-Butylbenzene	12.335	91	73322	21.903	ug/l	98
90) Hexachloroethane	12.542	117	14340	21.495	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	39260	21.167	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7421	18.486	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	23468	21.636	ug/l	98
94) Hexachlorobutadiene	13.725	225	9829	21.340	ug/l	95
95) Naphthalene	13.774	128	84872	19.975	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21763	19.708	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
Data File : VX031201.D
Acq On : 08 Sep 2022 09:45
Operator : JC/MD
Sample : VX0907WBS03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907WBS03

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 14:00:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

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

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

