

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035954.D
 Acq On : 01 Jun 2023 12:58
 Operator : JC/MD
 Sample : 02213-08 1PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Jun 02 09:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	197430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152161	47.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.920%		
35) Dibromofluoromethane	5.385	113	110917	47.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	407980	48.278	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	155117	46.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2540	1.178	ug/l	91
3) Chloromethane	1.288	50	2584	1.048	ug/l	96
4) Vinyl Chloride	1.374	62	2482	1.072	ug/l	91
5) Bromomethane	1.618	94	1742	1.142	ug/l	96
6) Chloroethane	1.691	64	1569	1.151	ug/l	91
7) Trichlorofluoromethane	1.892	101	3834	1.176	ug/l	88
8) Diethyl Ether	2.136	74	1438	1.016	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	2431	1.202	ug/l	89
10) Methyl Iodide	2.453	142	2091	0.878	ug/l #	95
11) Tert butyl alcohol	3.032	59	3111m	5.464	ug/l	
12) 1,1-Dichloroethene	2.319	96	2068	1.044	ug/l	93
13) Acrolein	2.246	56	2676	4.879	ug/l #	82
14) Allyl chloride	2.666	41	4120	1.012	ug/l	97
15) Acrylonitrile	3.081	53	6515	4.870	ug/l	97
16) Acetone	2.398	43	8001	6.049	ug/l #	88
17) Carbon Disulfide	2.514	76	5222	1.052	ug/l	100
18) Methyl Acetate	2.703	43	5319	1.034	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	7728	0.996	ug/l #	91
20) Methylene Chloride	2.788	84	2901	1.139	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	2217	0.979	ug/l #	92
22) Diisopropyl ether	3.751	45	7770	0.981	ug/l #	59
23) Vinyl Acetate	3.727	43	25432	4.571	ug/l	100
24) 1,1-Dichloroethane	3.617	63	4431	1.009	ug/l #	82
25) 2-Butanone	4.574	43	9892	5.225	ug/l	92
26) 2,2-Dichloropropane	4.471	77	3336	0.996	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	2622	0.965	ug/l	97
28) Bromochloromethane	4.910	49	2079	0.904	ug/l #	97
29) Tetrahydrofuran	5.032	42	6309	5.172	ug/l #	55
30) Chloroform	5.099	83	4850	1.072	ug/l	99
31) Cyclohexane	5.471	56	3730	1.111	ug/l #	82
32) 1,1,1-Trichloroethane	5.385	97	4053	1.060	ug/l #	52
36) 1,1-Dichloropropene	5.684	75	3628	1.156	ug/l	88
37) Ethyl Acetate	4.727	43	3687	1.054	ug/l	97
38) Carbon Tetrachloride	5.684	117	3347	1.094	ug/l #	79
39) Methylcyclohexane	7.379	83	3749	1.144	ug/l #	79
40) Benzene	6.038	78	10032	1.065	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035954.D
 Acq On : 01 Jun 2023 12:58
 Operator : JC/MD
 Sample : 02213-08 1PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Jun 02 09:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1979m	0.998	ug/l	
42) 1,2-Dichloroethane	6.092	62	4256	1.141	ug/l	100
43) Isopropyl Acetate	6.342	43	5488	0.955	ug/l	98
44) Trichloroethene	7.129	130	2396	0.980	ug/l	87
45) 1,2-Dichloropropane	7.428	63	2499	1.008	ug/l #	78
46) Dibromomethane	7.580	93	1817	1.055	ug/l	92
47) Bromodichloromethane	7.818	83	2965	0.915	ug/l	89
48) Methyl methacrylate	7.690	41	2707	0.960	ug/l	96
49) 1,4-Dioxane	7.720	88	1425m	22.069	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	17145	4.886	ug/l	99
52) Toluene	8.714	92	6263	1.057	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	2676	0.781	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	3264	0.863	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	2676	1.084	ug/l	96
56) Ethyl methacrylate	9.122	69	3217	0.872	ug/l	99
57) 1,3-Dichloropropane	9.311	76	4304	1.013	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	8936	4.622	ug/l	92
59) 2-Hexanone	9.433	43	13137	5.063	ug/l	95
60) Dibromochloromethane	9.519	129	2066	0.862	ug/l	98
61) 1,2-Dibromoethane	9.604	107	2227	0.883	ug/l	90
64) Tetrachloroethene	9.269	164	2078	1.065	ug/l	92
65) Chlorobenzene	10.080	112	6827	1.090	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1959	0.889	ug/l #	65
67) Ethyl Benzene	10.195	91	11286	1.012	ug/l	97
68) m/p-Xylenes	10.299	106	8379	1.981	ug/l	100
69) o-Xylene	10.647	106	4296	1.011	ug/l	90
70) Styrene	10.659	104	6659	0.970	ug/l	95
71) Bromoform	10.799	173	1179	0.773	ug/l #	98
73) Isopropylbenzene	10.957	105	10729	1.054	ug/l	99
74) N-amyl acetate	10.842	43	4280	0.965	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	3856	1.107	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2842m	0.900	ug/l	
77) Bromobenzene	11.201	156	2683	1.066	ug/l	96
78) n-propylbenzene	11.305	91	11899	1.036	ug/l	100
79) 2-Chlorotoluene	11.366	91	8398	1.122	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8803	1.026	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	711m	0.758	ug/l	
82) 4-Chlorotoluene	11.457	91	9464	1.102	ug/l	100
83) tert-Butylbenzene	11.713	119	8796	1.073	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	8983	1.020	ug/l	99
85) sec-Butylbenzene	11.890	105	10545	1.084	ug/l	98
86) p-Isopropyltoluene	12.006	119	8488	1.021	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4711	1.022	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	4971m	1.023	ug/l	
89) n-Butylbenzene	12.335	91	7335	1.044	ug/l	95
90) Hexachloroethane	12.536	117	1156	0.877	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	4850	1.057	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	632	0.879	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2423	0.907	ug/l	85
94) Hexachlorobutadiene	13.725	225	1147	1.129	ug/l	92
95) Naphthalene	13.774	128	8141	0.876	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	2734	1.038	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035954.D
Acq On : 01 Jun 2023 12:58
Operator : JC/MD
Sample : 02213-08 1PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 02 09:13:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

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

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

Manual Integrations

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

[illegible]