

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025205.D
 Acq On : 18 Nov 2021 11:37
 Operator : JC/MD
 Sample : M4068-09 .5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 09:51:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 09:51:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75331	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	64491	52.121	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.240%	
35) Dibromofluoromethane	5.385	113	57744	52.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.580%	
50) Toluene-d8	8.653	98	213516	51.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	11.085	95	76517	49.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.360%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	407	0.400	ug/l	82
3) Chloromethane	1.294	50	636	0.505	ug/l	98
4) Vinyl Chloride	1.374	62	564	0.408	ug/l	95
5) Bromomethane	1.599	94	814	1.369	ug/l	91
6) Chloroethane	1.684	64	623	0.653	ug/l #	87
7) Trichlorofluoromethane	1.886	101	879	0.428	ug/l	84
8) Diethyl Ether	2.136	74	366	0.432	ug/l	51
9) 1,1,2-Trichlorotrifluo...	2.331	101	472	0.432	ug/l	94
10) Methyl Iodide	2.453	142	670	0.491	ug/l #	82
11) Tert butyl alcohol	2.953	59	2061	6.184	ug/l #	79
12) 1,1-Dichloroethene	2.325	96	489	0.449	ug/l #	63
13) Acrolein	2.245	56	414	7.304	ug/l #	70
14) Allyl chloride	2.660	41	1041	0.529	ug/l #	87
15) Acrylonitrile	3.074	53	1511	2.276	ug/l	91
16) Acetone	2.379	43	2079	3.024	ug/l	94
17) Carbon Disulfide	2.508	76	1493	0.488	ug/l	100
18) Methyl Acetate	2.709	43	1159	0.528	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	1623	0.428	ug/l	98
20) Methylene Chloride	2.794	84	680	0.526	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	532	0.446	ug/l #	75
22) Diisopropyl ether	3.763	45	1631	0.435	ug/l #	93
23) Vinyl Acetate	3.727	43	6165	2.047	ug/l	96
24) 1,1-Dichloroethane	3.617	63	871	0.425	ug/l #	83
25) 2-Butanone	4.562	43	2333	2.347	ug/l	90
26) 2,2-Dichloropropane	4.483	77	884	0.476	ug/l #	68
27) cis-1,2-Dichloroethene	4.489	96	604	0.434	ug/l	95
28) Bromochloromethane	4.910	49	372	0.389	ug/l #	86
29) Tetrahydrofuran	5.019	42	1451	2.358	ug/l	95
30) Chloroform	5.099	83	992	0.465	ug/l	88
31) Cyclohexane	5.476	56	814	0.426	ug/l #	94
32) 1,1,1-Trichloroethane	5.391	97	916	0.469	ug/l #	43
36) 1,1-Dichloropropene	5.702	75	711	0.457	ug/l #	73
37) Ethyl Acetate	4.733	43	1066	0.602	ug/l #	75
38) Carbon Tetrachloride	5.684	117	788	0.460	ug/l #	82
39) Methylcyclohexane	7.385	83	945	0.474	ug/l #	81
40) Benzene	6.050	78	1987	0.422	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025205.D
 Acq On : 18 Nov 2021 11:37
 Operator : JC/MD
 Sample : M4068-09 .5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 09:51:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 09:51:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/19/2021
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	507	0.516	ug/l #	73
42) 1,2-Dichloroethane	6.092	62	744	0.485	ug/l #	77
43) Isopropyl Acetate	6.348	43	1426	0.484	ug/l #	91
44) Trichloroethene	7.123	130	586	0.428	ug/l	51
45) 1,2-Dichloropropane	7.433	63	456	0.394	ug/l	90
46) Dibromomethane	7.586	93	368	0.438	ug/l #	87
47) Bromodichloromethane	7.830	83	660	0.400	ug/l #	94
48) Methyl methacrylate	7.702	41	740	0.535	ug/l	91
49) 1,4-Dioxane	7.677	88	258	8.840	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	3777	2.045	ug/l	97
52) Toluene	8.720	92	1396	0.454	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	680	0.370	ug/l #	82
54) cis-1,3-Dichloropropene	8.372	75	742	0.373	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	533	0.436	ug/l	91
56) Ethyl methacrylate	9.122	69	716	0.361	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	849	0.419	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.250	63	1789	1.938	ug/l #	89
59) 2-Hexanone	9.433	43	2937	2.017	ug/l	100
60) Dibromochloromethane	9.518	129	622	0.442	ug/l	81
61) 1,2-Dibromoethane	9.610	107	650	0.491	ug/l	84
64) Tetrachloroethene	9.281	164	628	0.477	ug/l	85
65) Chlorobenzene	10.079	112	1518	0.467	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	515	0.413	ug/l #	64
67) Ethyl Benzene	10.195	91	2556	0.455	ug/l	91
68) m/p-Xylenes	10.305	106	1927	0.840	ug/l	95
69) o-Xylene	10.646	106	1121	0.499	ug/l	77
70) Styrene	10.658	104	1512	0.407	ug/l #	91
71) Bromoform	10.799	173	477	0.441	ug/l #	88
73) Isopropylbenzene	10.963	105	2391	0.445	ug/l	97
74) N-amyl acetate	10.847	43	955	0.411	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	805	0.464	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	754m	0.489	ug/l	
77) Bromobenzene	11.201	156	623	0.451	ug/l	91
78) n-propylbenzene	11.305	91	2641	0.438	ug/l	95
79) 2-Chlorotoluene	11.366	91	1725	0.470	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1985	0.440	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	253m	0.413	ug/l	
82) 4-Chlorotoluene	11.457	91	1851	0.442	ug/l	97
83) tert-Butylbenzene	11.719	119	2382	0.519	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	1920	0.430	ug/l	91
85) sec-Butylbenzene	11.890	105	2424	0.435	ug/l	96
86) p-Isopropyltoluene	12.012	119	2032	0.424	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	1123	0.437	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	1316m	0.505	ug/l	
89) n-Butylbenzene	12.335	91	1516	0.375	ug/l	96
90) Hexachloroethane	12.542	117	316	0.358	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1090	0.435	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	160	0.441	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	493	0.334	ug/l	90
94) Hexachlorobutadiene	13.731	225	344	0.486	ug/l	89
95) Naphthalene	13.780	128	1155	0.252	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	433	0.300	ug/l	98

11/26/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
Data File : VX025205.D
Acq On : 18 Nov 2021 11:37
Operator : JC/MD
Sample : M4068-09 .5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 09:51:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 19 09:51:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/19/2021
Supervised By :Mahesh
Dadoda

11/26/2021

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

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

Manual Integrations

11/19/2021
Supervised By :Mahesh
Dadoda

11/26/2021

Supervised By :Mahesh
Dadoda

11/26/2021

[illegible]