

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034232.D
 Acq On : 22 Feb 2023 16:32
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:21:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

02/23/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	306396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	442146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207337	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	179792	43.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.140%
35) Dibromofluoromethane	5.385	113	157012	48.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	8.647	98	576534	49.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	202224	45.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1002	0.378	ug/l	95
3) Chloromethane	1.294	50	2003	0.526	ug/l	97
4) Vinyl Chloride	1.374	62	1627	0.469	ug/l #	86
5) Bromomethane	1.611	94	1143	0.830	ug/l	91
6) Chloroethane	1.691	64	1253	0.718	ug/l	91
7) Trichlorofluoromethane	1.886	101	2224	0.474	ug/l #	81
8) Diethyl Ether	2.136	74	972	0.514	ug/l #	30
9) 1,1,2-Trichlorotrifluo...	2.343	101	1204	0.364	ug/l	95
10) Methyl Iodide	2.453	142	1369	0.340	ug/l	92
11) Tert butyl alcohol	2.941	59	3046	3.300	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1473	0.444	ug/l #	62
13) Acrolein	2.239	56	1106	2.625	ug/l #	83
14) Allyl chloride	2.666	41	3313	0.471	ug/l #	78
15) Acrylonitrile	3.075	53	3905	1.940	ug/l	96
16) Acetone	2.386	43	4162	1.955	ug/l	97
17) Carbon Disulfide	2.514	76	3868	0.406	ug/l	98
18) Methyl Acetate	2.703	43	2911	0.442	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	4707	0.402	ug/l #	88
20) Methylene Chloride	2.794	84	2243	0.585	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	1428	0.411	ug/l	94
22) Diisopropyl ether	3.764	45	5040	0.409	ug/l #	83
23) Vinyl Acetate	3.727	43	19085	1.933	ug/l	100
24) 1,1-Dichloroethane	3.611	63	2447	0.362	ug/l	96
25) 2-Butanone	4.574	43	6148	1.996	ug/l #	77
26) 2,2-Dichloropropane	4.477	77	2396	0.391	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	1644	0.400	ug/l	93
28) Bromochloromethane	4.898	49	1187	0.393	ug/l #	88
29) Tetrahydrofuran	5.026	42	3587	1.909	ug/l	99
30) Chloroform	5.099	83	2764	0.425	ug/l	95
31) Cyclohexane	5.464	56	2586	0.420	ug/l #	85
32) 1,1,1-Trichloroethane	5.410	97	2245	0.385	ug/l #	23
36) 1,1-Dichloropropene	5.702	75	1997	0.415	ug/l #	55
37) Ethyl Acetate	4.733	43	3174m	0.590	ug/l	
38) Carbon Tetrachloride	5.678	117	1923	0.388	ug/l #	80
39) Methylcyclohexane	7.379	83	2274	0.367	ug/l	95
40) Benzene	6.038	78	6025	0.422	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

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Reviewed By :John
 Carlone

02/23/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1307m	0.436	ug/l	
42) 1,2-Dichloroethane	6.086	62	2230	0.444	ug/l	98
43) Isopropyl Acetate	6.355	43	3956	0.416	ug/l #	82
44) Trichloroethene	7.129	130	1670	0.456	ug/l	90
45) 1,2-Dichloropropane	7.428	63	1517	0.399	ug/l	100
46) Dibromomethane	7.592	93	1003	0.401	ug/l	87
47) Bromodichloromethane	7.830	83	1953	0.380	ug/l	90
48) Methyl methacrylate	7.714	41	1664	0.369	ug/l #	83
49) 1,4-Dioxane	7.702	88	817	9.083	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	10536	2.016	ug/l	96
52) Toluene	8.720	92	3622	0.419	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1787	0.302	ug/l	93
54) cis-1,3-Dichloropropene	8.372	75	2207	0.349	ug/l #	70
55) 1,1,2-Trichloroethane	9.153	97	1417	0.406	ug/l #	94
56) Ethyl methacrylate	9.122	69	2047	0.347	ug/l #	69
57) 1,3-Dichloropropane	9.311	76	2405	0.396	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	4871	1.904	ug/l	100
59) 2-Hexanone	9.439	43	7269	1.825	ug/l	99
60) Dibromochloromethane	9.525	129	1431	0.371	ug/l	100
61) 1,2-Dibromoethane	9.616	107	1477	0.400	ug/l	94
64) Tetrachloroethene	9.275	164	1330	0.426	ug/l #	64
65) Chlorobenzene	10.079	112	4112	0.446	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1431	0.401	ug/l #	67
67) Ethyl Benzene	10.195	91	6410	0.387	ug/l	95
68) m/p-Xylenes	10.305	106	5172	0.816	ug/l	99
69) o-Xylene	10.640	106	2585	0.410	ug/l	94
70) Styrene	10.659	104	3614	0.352	ug/l	91
71) Bromoform	10.799	173	956	0.328	ug/l #	96
73) Isopropylbenzene	10.963	105	6302	0.399	ug/l	100
74) N-amyl acetate	10.848	43	3026	0.381	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	1935	0.358	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1827m	0.350	ug/l	
77) Bromobenzene	11.201	156	1459	0.384	ug/l	77
78) n-propylbenzene	11.305	91	6911	0.376	ug/l	96
79) 2-Chlorotoluene	11.366	91	4581	0.407	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4879	0.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	280m	0.138	ug/l	
82) 4-Chlorotoluene	11.457	91	5070	0.395	ug/l	92
83) tert-Butylbenzene	11.713	119	5022	0.369	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	5036	0.375	ug/l	95
85) sec-Butylbenzene	11.890	105	6201	0.375	ug/l	99
86) p-Isopropyltoluene	12.006	119	4994	0.365	ug/l #	85
87) 1,3-Dichlorobenzene	11.969	146	2910	0.408	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	3253m	0.452	ug/l	
89) n-Butylbenzene	12.335	91	3994	0.328	ug/l	96
90) Hexachloroethane	12.536	117	888	0.311	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	2797	0.401	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	425	0.330	ug/l	65
93) 1,2,4-Trichlorobenzene	13.591	180	1759	0.393	ug/l	96
94) Hexachlorobutadiene	13.725	225	593	0.319	ug/l	69
95) Naphthalene	13.780	128	7474	0.495	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1639	0.369	ug/l	93

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Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

