

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038256.D
 Acq On : 12 Oct 2023 15:03
 Operator : JC/MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:41:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93864	47.635	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	72097	48.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	267472	47.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.079	95	98036	45.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1168	0.988	ug/l	91
3) Chloromethane	1.300	50	1345	1.116	ug/l	98
4) Vinyl Chloride	1.374	62	1540	1.152	ug/l #	74
5) Bromomethane	1.605	94	1668	0.914	ug/l	84
6) Chloroethane	1.691	64	1731	1.461	ug/l	90
7) Trichlorofluoromethane	1.886	101	3244	1.229	ug/l	87
8) Diethyl Ether	2.130	74	997	1.013	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	1231	1.068	ug/l #	84
10) Methyl Iodide	2.453	142	1630	0.983	ug/l #	93
11) Tert butyl alcohol	2.947	59	2516	5.243	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	1157	1.032	ug/l #	71
13) Acrolein	2.233	56	1434	5.119	ug/l	93
14) Allyl chloride	2.654	41	1897	0.946	ug/l	93
15) Acrylonitrile	3.068	53	4293	4.787	ug/l	99
16) Acetone	2.380	43	5102	6.204	ug/l	95
17) Carbon Disulfide	2.508	76	2945	0.912	ug/l	100
18) Methyl Acetate	2.703	43	3450	0.978	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	4016	0.900	ug/l	96
20) Methylene Chloride	2.794	84	1728	1.117	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	1318	0.950	ug/l #	85
22) Diisopropyl ether	3.770	45	3629	0.864	ug/l	97
23) Vinyl Acetate	3.727	43	11986	3.890	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2421	0.949	ug/l	96
25) 2-Butanone	4.574	43	6238	4.701	ug/l	92
26) 2,2-Dichloropropane	4.489	77	1623	0.815	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1556	0.941	ug/l #	13
28) Bromochloromethane	4.903	49	1080	0.938	ug/l #	92
29) Tetrahydrofuran	5.013	42	3777	4.372	ug/l	92
30) Chloroform	5.099	83	2750	0.986	ug/l #	67
31) Cyclohexane	5.477	56	1949	0.913	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	2355	0.986	ug/l #	52
36) 1,1-Dichloropropene	5.702	75	2114	1.037	ug/l	95
37) Ethyl Acetate	4.727	43	2209	0.912	ug/l #	97
38) Carbon Tetrachloride	5.678	117	1951	0.973	ug/l #	77
39) Methylcyclohexane	7.379	83	2321	0.972	ug/l #	83
40) Benzene	6.037	78	5660	0.992	ug/l	100

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41) Methacrylonitrile	4.952	41	963m	0.799	ug/l	
42) 1,2-Dichloroethane	6.086	62	2378	1.043	ug/l	80
43) Isopropyl Acetate	6.348	43	3007	0.832	ug/l	98
44) Trichloroethene	7.135	130	1677	1.124	ug/l	84
45) 1,2-Dichloropropane	7.434	63	1539	1.043	ug/l #	83
46) Dibromomethane	7.586	93	1042	0.910	ug/l	86
47) Bromodichloromethane	7.824	83	1899	0.932	ug/l	90
48) Methyl methacrylate	7.702	41	1567	0.908	ug/l	92
49) 1,4-Dioxane	7.677	88	761	17.892	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	10739	4.306	ug/l	100
52) Toluene	8.720	92	3570	0.961	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	1561	0.714	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	1828	0.796	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1386	0.872	ug/l	95
56) Ethyl methacrylate	9.116	69	1765	0.724	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	2491	0.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	5196	4.344	ug/l	98
59) 2-Hexanone	9.433	43	8651	4.315	ug/l	98
60) Dibromochloromethane	9.519	129	1199	0.771	ug/l	92
61) 1,2-Dibromoethane	9.610	107	1500	0.873	ug/l	99
64) Tetrachloroethene	9.275	164	1402	1.072	ug/l	88
65) Chlorobenzene	10.079	112	4517	1.069	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	1233	0.863	ug/l #	64
67) Ethyl Benzene	10.195	91	6896	0.914	ug/l	100
68) m/p-Xylenes	10.305	106	4870	1.670	ug/l	92
69) o-Xylene	10.646	106	2405	0.845	ug/l	98
70) Styrene	10.659	104	3660	0.790	ug/l	96
71) Bromoform	10.805	173	783	0.665	ug/l #	94
73) Isopropylbenzene	10.963	105	5980	0.857	ug/l	96
74) N-amyl acetate	10.848	43	1897	0.637	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	2552	0.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	2329m	0.985	ug/l	
77) Bromobenzene	11.201	156	1844	1.082	ug/l	88
78) n-propylbenzene	11.305	91	8312	0.974	ug/l	93
79) 2-Chlorotoluene	11.366	91	5004	0.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	5369	0.892	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	349m	0.471	ug/l	
82) 4-Chlorotoluene	11.457	91	5413	0.904	ug/l	95
83) tert-Butylbenzene	11.713	119	4995	0.849	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4913	0.818	ug/l	91
85) sec-Butylbenzene	11.890	105	6745	0.885	ug/l	98
86) p-Isopropyltoluene	12.012	119	5753	0.915	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3103	0.907	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	3617m	1.035	ug/l	
89) n-Butylbenzene	12.335	91	5584	0.892	ug/l	90
90) Hexachloroethane	12.542	117	808	0.775	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	3104	0.944	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.951	75	501	0.809	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1895	0.859	ug/l	92
94) Hexachlorobutadiene	13.725	225	1077	1.213	ug/l	90
95) Naphthalene	13.780	128	6211	0.808	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1923	0.900	ug/l	94

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

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