

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036628.D
 Acq On : 24 Jul 2023 13:47
 Operator : JC/MD
 Sample : 03572-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 07:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	306512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127820	48.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	102555	48.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	8.647	98	364814	48.830	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.079	95	141653	50.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1009	0.432	ug/l	84
3) Chloromethane	1.295	50	1465	0.690	ug/l	97
4) Vinyl Chloride	1.374	62	1149	0.531	ug/l #	80
5) Bromomethane	1.618	94	961	0.744	ug/l	88
6) Chloroethane	1.685	64	891	0.847	ug/l #	86
7) Trichlorofluoromethane	1.886	101	1717	0.514	ug/l	98
8) Diethyl Ether	2.136	74	751	0.581	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1081	0.539	ug/l	90
10) Methyl Iodide	2.453	142	942	0.452	ug/l #	94
11) Tert butyl alcohol	2.983	59	1905m	3.076	ug/l	
12) 1,1-Dichloroethene	2.319	96	1142	0.577	ug/l	88
13) Acrolein	2.240	56	989	2.798	ug/l #	82
14) Allyl chloride	2.666	41	2290	0.587	ug/l	89
15) Acrylonitrile	3.069	53	3522	2.828	ug/l	97
16) Acetone	2.386	43	3529	3.251	ug/l	98
17) Carbon Disulfide	2.508	76	3502	0.641	ug/l	97
18) Methyl Acetate	2.703	43	2690	0.589	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	3981	0.535	ug/l	93
20) Methylene Chloride	2.788	84	1604	0.664	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	1140	0.515	ug/l #	89
22) Diisopropyl ether	3.764	45	3854	0.521	ug/l	93
23) Vinyl Acetate	3.727	43	14799	2.606	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2249	0.542	ug/l #	87
25) 2-Butanone	4.574	43	5422	3.078	ug/l	95
26) 2,2-Dichloropropane	4.465	77	2055	0.526	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	1287	0.490	ug/l	98
28) Bromochloromethane	4.916	49	939	0.468	ug/l #	94
29) Tetrahydrofuran	5.013	42	3905	3.439	ug/l #	81
30) Chloroform	5.087	83	2422	0.570	ug/l	100
31) Cyclohexane	5.465	56	2011	0.555	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	2100m	0.540	ug/l	
36) 1,1-Dichloropropene	5.696	75	1707	0.544	ug/l	94
37) Ethyl Acetate	4.721	43	1288	0.362	ug/l #	86
38) Carbon Tetrachloride	5.672	117	1735	0.520	ug/l #	76
39) Methylcyclohexane	7.379	83	2050	0.525	ug/l #	93
40) Benzene	6.038	78	5043	0.552	ug/l	93

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41) Methacrylonitrile	4.928	41	1058	0.557	ug/l #	78
42) 1,2-Dichloroethane	6.086	62	1901	0.569	ug/l	93
43) Isopropyl Acetate	6.342	43	3249	0.531	ug/l #	96
44) Trichloroethene	7.135	130	1179	0.494	ug/l	97
45) 1,2-Dichloropropane	7.434	63	1189	0.487	ug/l	95
46) Dibromomethane	7.586	93	858	0.503	ug/l	100
47) Bromodichloromethane	7.830	83	1905	0.544	ug/l #	87
48) Methyl methacrylate	7.696	41	1528	0.537	ug/l #	70
49) 1,4-Dioxane	7.702	88	608	10.578	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	9010	2.661	ug/l	96
52) Toluene	8.720	92	2967	0.518	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	1996	0.504	ug/l #	81
54) cis-1,3-Dichloropropene	8.373	75	2130	0.510	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	1231	0.512	ug/l	89
56) Ethyl methacrylate	9.122	69	2042	0.521	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	1978	0.494	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.245	63	4166	2.158	ug/l	99
59) 2-Hexanone	9.433	43	6759	2.690	ug/l	91
60) Dibromochloromethane	9.525	129	1247	0.471	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1286	0.516	ug/l	94
64) Tetrachloroethene	9.275	164	1039	0.502	ug/l #	84
65) Chlorobenzene	10.080	112	3241	0.530	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1201	0.508	ug/l #	64
67) Ethyl Benzene	10.195	91	5767	0.516	ug/l	98
68) m/p-Xylenes	10.299	106	4135	0.992	ug/l	92
69) o-Xylene	10.647	106	2051	0.493	ug/l	94
70) Styrene	10.659	104	3405	0.496	ug/l	98
71) Bromoform	10.805	173	902	0.471	ug/l #	97
73) Isopropylbenzene	10.964	105	5579	0.511	ug/l	99
74) N-amyl acetate	10.842	43	2681	0.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	2175	0.590	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1562m	0.503	ug/l	
77) Bromobenzene	11.195	156	1344	0.541	ug/l	97
78) n-propylbenzene	11.305	91	6097	0.483	ug/l	100
79) 2-Chlorotoluene	11.366	91	3899	0.510	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4663	0.511	ug/l	100
82) 4-Chlorotoluene	11.457	91	4579	0.525	ug/l	100
83) tert-Butylbenzene	11.713	119	4567	0.509	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	4548	0.498	ug/l	97
85) sec-Butylbenzene	11.890	105	5391	0.482	ug/l	99
86) p-Isopropyltoluene	12.006	119	4608	0.501	ug/l	88
87) 1,3-Dichlorobenzene	11.976	146	2363	0.513	ug/l	98
88) 1,4-Dichlorobenzene	11.976	146	2363	0.517	ug/l	99
89) n-Butylbenzene	12.335	91	3884	0.471	ug/l	94
90) Hexachloroethane	12.536	117	898	0.481	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	2403	0.541	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.939	75	455	0.531	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	1434	0.524	ug/l	96
94) Hexachlorobutadiene	13.719	225	526	0.464	ug/l	90
95) Naphthalene	13.774	128	4843	0.508	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1335	0.495	ug/l	96

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

