

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079780.D
 Acq On : 01 Nov 2023 18:42
 Operator : JC\MD
 Sample : 04699-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Nov 02 06:48:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 06:45:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	426374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232970	58.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.580%
35) Dibromofluoromethane	8.171	113	180755	53.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.960%
50) Toluene-d8	10.571	98	644844	51.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.853	95	195546	47.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	2552	0.808	ug/l	100
3) Chloromethane	2.359	50	5646	1.286	ug/l #	83
4) Vinyl Chloride	2.512	62	3581	0.866	ug/l #	5
5) Bromomethane	2.959	94	3175	1.263	ug/l	91
6) Chloroethane	3.118	64	3191	0.976	ug/l	96
7) Trichlorofluoromethane	3.501	101	4241	0.824	ug/l #	75
8) Diethyl Ether	3.953	74	1496	0.766	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.389	101	2504	0.840	ug/l #	82
10) Methyl Iodide	4.589	142	2462	0.723	ug/l #	89
11) Tert butyl alcohol	5.512	59	2551	5.000	ug/l #	72
13) Acrolein	4.183	56	1506	3.608	ug/l	91
14) Allyl chloride	5.030	41	4158m	0.961	ug/l	
15) Acrylonitrile	5.718	53	6751	4.246	ug/l #	89
17) Carbon Disulfide	4.718	76	7520	0.923	ug/l #	75
18) Methyl Acetate	5.030	43	5663	0.843	ug/l #	63
22) Diisopropyl ether	6.683	45	7499	0.748	ug/l #	88
26) 2,2-Dichloropropane	7.500	77	3940	0.782	ug/l #	75
27) cis-1,2-Dichloroethene	7.488	96	3168	0.841	ug/l	81
28) Bromochloromethane	7.818	49	2503	0.843	ug/l #	73
29) Tetrahydrofuran	7.853	42	5079	3.797	ug/l #	79
32) 1,1,1-Trichloroethane	8.165	97	4264	0.791	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	4032	0.835	ug/l	95
37) Ethyl Acetate	7.565	43	3153	0.712	ug/l #	74
38) Carbon Tetrachloride	8.359	117	4315	0.887	ug/l #	81
41) Methacrylonitrile	7.794	41	1831m	0.779	ug/l	
42) 1,2-Dichloroethane	8.671	62	4831	0.957	ug/l	86
43) Isopropyl Acetate	8.694	43	6163	0.794	ug/l #	90
46) Dibromomethane	9.712	93	2228	0.883	ug/l	92
48) Methyl methacrylate	9.682	41	2597	0.764	ug/l #	71
49) 1,4-Dioxane	9.712	88	1052	17.511	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	15747	3.603	ug/l #	83
52) Toluene	10.635	92	7192	0.839	ug/l	92
56) Ethyl methacrylate	10.882	69	2714	0.552	ug/l #	53
57) 1,3-Dichloropropane	11.171	76	4638	0.763	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	7498	3.009	ug/l	96
59) 2-Hexanone	11.200	43	11288	3.377	ug/l	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Dibromochloromethane	11.359	129	2805	0.760	ug/l	88
61) 1,2-Dibromoethane	11.471	107	2738	0.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	2789	0.837	ug/l #	60
68) m/p-Xylenes	12.071	106	8495	1.415	ug/l	99
69) o-Xylene	12.400	106	3810	0.659	ug/l	97
70) Styrene	12.412	104	5633	0.606	ug/l	91
71) Bromoform	12.576	173	1457	0.616	ug/l #	74
73) Isopropylbenzene	12.700	105	8567	0.672	ug/l	99
74) N-amyl acetate	12.500	43	3570	0.642	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.941	83	3929	0.869	ug/l #	90
76) 1,2,3-Trichloropropane	12.994	75	3031m	0.769	ug/l	
77) Bromobenzene	12.976	156	3019	0.967	ug/l	95
78) n-propylbenzene	13.041	91	11310	0.775	ug/l	97
79) 2-Chlorotoluene	13.123	91	7717	0.828	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	6936	0.699	ug/l	98
82) 4-Chlorotoluene	13.223	91	7535	0.813	ug/l	94
83) tert-Butylbenzene	13.441	119	5400	0.665	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	6502	0.666	ug/l	99
85) sec-Butylbenzene	13.617	105	7265	0.646	ug/l	95
86) p-Isopropyltoluene	13.729	119	5149	0.562	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	4158	0.716	ug/l	86
88) 1,4-Dichlorobenzene	13.817	146	4747	0.806	ug/l	77
89) n-Butylbenzene	14.059	91	5187	0.657	ug/l	98
90) Hexachloroethane	14.329	117	1375	0.757	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	4594	0.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	802	1.046	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	2075	0.796	ug/l	96
94) Hexachlorobutadiene	15.517	225	968	0.819	ug/l	79
95) Naphthalene	15.647	128	6307	0.714	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1856	0.727	ug/l	98

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

