

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077695.D
 Acq On : 16 May 2023 16:14
 Operator : JC\MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 17 04:55:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 17 04:54:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	364644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	695564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258657	47.408	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.820%		
35) Dibromofluoromethane	8.171	113	200219	44.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.280%		
50) Toluene-d8	10.571	98	736081	42.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.320%#		
62) 4-Bromofluorobenzene	12.853	95	230426	37.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	74.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	3044	0.734	ug/l	80
3) Chloromethane	2.365	50	5436	1.093	ug/l	90
4) Vinyl Chloride	2.518	62	3976	0.760	ug/l #	80
5) Bromomethane	2.965	94	4501	1.163	ug/l	86
6) Chloroethane	3.124	64	5524	1.465	ug/l #	75
7) Trichlorofluoromethane	3.512	101	5727	0.785	ug/l #	68
8) Diethyl Ether	3.959	74	2354	0.884	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	2833	0.702	ug/l	91
10) Methyl Iodide	4.589	142	4036m	0.839	ug/l	
11) Tert butyl alcohol	5.530	59	3017	4.007	ug/l #	92
12) 1,1-Dichloroethene	4.336	96	3273	0.853	ug/l	92
13) Acrolein	4.195	56	3104	5.797	ug/l #	62
14) Allyl chloride	5.047	41	4951m	0.879	ug/l	
15) Acrylonitrile	5.730	53	7989	3.971	ug/l	97
16) Acetone	4.459	43	8005	4.663	ug/l #	76
17) Carbon Disulfide	4.730	76	7559	0.731	ug/l #	86
18) Methyl Acetate	5.047	43	5843m	0.811	ug/l	
19) Methyl tert-butyl Ether	5.806	73	10143	0.731	ug/l	97
20) Methylene Chloride	5.289	84	5161	1.004	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	3500	0.812	ug/l #	75
22) Diisopropyl ether	6.677	45	10425	0.789	ug/l #	87
23) Vinyl Acetate	6.624	43	34263	4.187	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	6446	0.797	ug/l	97
25) 2-Butanone	7.500	43	11698	4.357	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	4706	0.685	ug/l #	76
27) cis-1,2-Dichloroethene	7.500	96	3747	0.725	ug/l	79
28) Bromochloromethane	7.824	49	2877	0.822	ug/l #	80
29) Tetrahydrofuran	7.859	42	6305	3.586	ug/l #	55
30) Chloroform	7.965	83	7138	0.802	ug/l	97
31) Cyclohexane	8.230	56	12848	1.733	ug/l #	14
32) 1,1,1-Trichloroethane	8.183	97	5997	0.793	ug/l #	51
36) 1,1-Dichloropropene	8.383	75	4953	0.747	ug/l	96
37) Ethyl Acetate	7.577	43	5111	0.864	ug/l #	86
38) Carbon Tetrachloride	8.371	117	5121	0.764	ug/l #	95
39) Methylcyclohexane	9.600	83	5214	0.642	ug/l #	80
40) Benzene	8.618	78	14555	0.743	ug/l	99

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41) Methacrylonitrile	7.783	41	2880	0.915	ug/l #	40
42) 1,2-Dichloroethane	8.683	62	6214	0.874	ug/l	83
43) Isopropyl Acetate	8.694	43	7293	0.755	ug/l	97
44) Trichloroethene	9.365	130	3835	0.774	ug/l	80
45) 1,2-Dichloropropane	9.635	63	3512	0.703	ug/l	94
46) Dibromomethane	9.718	93	2924	0.818	ug/l	94
47) Bromodichloromethane	9.888	83	4947	0.723	ug/l #	92
48) Methyl methacrylate	9.688	41	3594	0.785	ug/l #	83
49) 1,4-Dioxane	9.700	88	1406	16.256	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	21268	3.705	ug/l	89
52) Toluene	10.635	92	8695	0.713	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	4233	0.584	ug/l	90
54) cis-1,3-Dichloropropene	10.324	75	5174	0.648	ug/l #	79
55) 1,1,2-Trichloroethane	11.029	97	4021	0.831	ug/l #	81
56) Ethyl methacrylate	10.882	69	5058	0.691	ug/l #	85
57) 1,3-Dichloropropane	11.176	76	6036	0.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	12589	3.497	ug/l #	88
59) 2-Hexanone	11.200	43	15338	3.612	ug/l	90
60) Dibromochloromethane	11.359	129	3569	0.714	ug/l	90
61) 1,2-Dibromoethane	11.476	107	3284	0.680	ug/l	94
64) Tetrachloroethene	11.106	164	3223	0.795	ug/l	87
65) Chlorobenzene	11.888	112	9745	0.776	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	3052	0.702	ug/l #	53
67) Ethyl Benzene	11.971	91	17010	0.756	ug/l	99
68) m/p-Xylenes	12.076	106	11599	1.360	ug/l	89
69) o-Xylene	12.412	106	6182	0.737	ug/l	90
70) Styrene	12.418	104	9479	0.711	ug/l	97
71) Bromoform	12.582	173	2015	0.697	ug/l #	94
73) Isopropylbenzene	12.700	105	15422	0.772	ug/l	95
74) N-amyl acetate	12.506	43	5468	0.741	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	5123	0.834	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	3940m	0.679	ug/l	
77) Bromobenzene	12.988	156	3628	0.796	ug/l	95
78) n-propylbenzene	13.047	91	17186	0.730	ug/l	93
79) 2-Chlorotoluene	13.129	91	10299	0.733	ug/l	94
80) 1,3,5-Trimethylbenzene	13.182	105	12129	0.723	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.741	75	1118m	0.616	ug/l	
82) 4-Chlorotoluene	13.223	91	10965	0.785	ug/l	98
83) tert-Butylbenzene	13.447	119	10385	0.709	ug/l	82
84) 1,2,4-Trimethylbenzene	13.488	105	12915	0.782	ug/l	90
85) sec-Butylbenzene	13.623	105	14526	0.698	ug/l	100
86) p-Isopropyltoluene	13.735	119	10902	0.657	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	5901	0.700	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	6551m	0.783	ug/l	
89) n-Butylbenzene	14.065	91	9656	0.632	ug/l	97
90) Hexachloroethane	14.335	117	1682	0.617	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	6771	0.860	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.729	75	929	0.781	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.400	180	2731	0.594	ug/l	87
94) Hexachlorobutadiene	15.506	225	1642	0.860	ug/l	81
95) Naphthalene	15.653	128	10158	0.641	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	2900	0.644	ug/l	93

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

