

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083304.D
 Acq On : 14 Aug 2024 16:28
 Operator : JC\MD
 Sample : P3390-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Quant Time: Aug 15 00:55:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 00:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	151663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119543	55.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.760%			
35) Dibromofluoromethane	8.171	113	86023	51.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.571	98	311265	50.249	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.853	95	115874	47.982	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	4632	2.693	ug/l	92
3) Chloromethane	2.359	50	4901	2.783	ug/l	97
4) Vinyl Chloride	2.512	62	4745	2.641	ug/l	96
5) Bromomethane	2.959	94	3253	2.918	ug/l	84
6) Chloroethane	3.118	64	3326	2.959	ug/l	99
7) Trichlorofluoromethane	3.500	101	8331	2.807	ug/l #	83
8) Diethyl Ether	3.965	74	2714	2.457	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	4457	2.724	ug/l #	89
10) Methyl Iodide	4.600	142	4028	1.871	ug/l #	87
11) Tert butyl alcohol	5.536	59	5399m	12.034	ug/l	
12) 1,1-Dichloroethene	4.336	96	4135	2.460	ug/l #	74
13) Acrolein	4.183	56	3203	10.955	ug/l	95
14) Allyl chloride	5.018	41	7178m	2.259	ug/l	
15) Acrylonitrile	5.730	53	11562	12.531	ug/l	99
16) Acetone	4.442	43	11265	13.336	ug/l	94
17) Carbon Disulfide	4.718	76	11423	2.322	ug/l #	92
18) Methyl Acetate	5.030	43	7214	2.866	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	15253	2.514	ug/l #	84
20) Methylene Chloride	5.283	84	5918	3.044	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	4514	2.598	ug/l #	93
22) Diisopropyl ether	6.671	45	15597	2.612	ug/l	95
23) Vinyl Acetate	6.606	43	78896m	12.889	ug/l	
24) 1,1-Dichloroethane	6.577	63	8975	2.757	ug/l #	94
25) 2-Butanone	7.482	43	16534	12.748	ug/l	100
26) 2,2-Dichloropropane	7.494	77	7607	2.516	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	5540	2.642	ug/l	94
28) Bromochloromethane	7.824	49	3148	2.366	ug/l #	72
29) Tetrahydrofuran	7.841	42	10877	12.973	ug/l	92
30) Chloroform	7.971	83	9017	2.666	ug/l	95
31) Cyclohexane	8.259	56	10735	3.356	ug/l #	92
32) 1,1,1-Trichloroethane	8.171	97	8359	2.611	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6593	2.625	ug/l	95
37) Ethyl Acetate	7.565	43	7068	2.513	ug/l	99
38) Carbon Tetrachloride	8.365	117	7068	2.498	ug/l	96
39) Methylcyclohexane	9.594	83	7429	2.408	ug/l #	75
40) Benzene	8.612	78	19572	2.615	ug/l	98

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41) Methacrylonitrile	7.777	41	3385	2.117	ug/l	92
42) 1,2-Dichloroethane	8.665	62	7913	2.903	ug/l	99
43) Isopropyl Acetate	8.688	43	13961	2.166	ug/l	99
44) Trichloroethene	9.353	130	4823	2.708	ug/l	94
45) 1,2-Dichloropropane	9.624	63	4892	2.754	ug/l	97
46) Dibromomethane	9.712	93	3537	2.782	ug/l	93
47) Bromodichloromethane	9.888	83	6905	2.419	ug/l	89
48) Methyl methacrylate	9.676	41	5524	2.376	ug/l	94
49) 1,4-Dioxane	9.694	88	2058	49.057	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	32506	12.222	ug/l	94
52) Toluene	10.635	92	11956	2.529	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	6576	2.242	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	7451	2.389	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	4670	2.756	ug/l	95
56) Ethyl methacrylate	10.876	69	7581	2.373	ug/l	84
57) 1,3-Dichloropropane	11.165	76	7509	2.486	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.159	63	15290	11.324	ug/l	94
59) 2-Hexanone	11.200	43	25182	12.238	ug/l	98
60) Dibromochloromethane	11.359	129	5224	2.550	ug/l	92
61) 1,2-Dibromoethane	11.470	107	4612	2.591	ug/l	99
64) Tetrachloroethene	11.106	164	4248	2.827	ug/l	94
65) Chlorobenzene	11.894	112	12818	2.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	4405	2.491	ug/l	97
67) Ethyl Benzene	11.965	91	22622	2.459	ug/l	99
68) m/p-Xylenes	12.070	106	16728	4.855	ug/l	100
69) o-Xylene	12.394	106	7877	2.318	ug/l	91
70) Styrene	12.412	104	12795	2.242	ug/l	99
71) Bromoform	12.576	173	2986	2.229	ug/l #	98
73) Isopropylbenzene	12.694	105	20081	2.422	ug/l	99
74) N-amyl acetate	12.494	43	8742	2.156	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	6387	2.724	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	6379m	2.932	ug/l	
77) Bromobenzene	12.982	156	4556	2.474	ug/l	89
78) n-propylbenzene	13.035	91	23680	2.481	ug/l	99
79) 2-Chlorotoluene	13.123	91	15928	2.632	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	17082	2.461	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	1699m	1.699	ug/l	
82) 4-Chlorotoluene	13.223	91	14828	2.443	ug/l	97
83) tert-Butylbenzene	13.441	119	14370	2.338	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	16418	2.347	ug/l	97
85) sec-Butylbenzene	13.617	105	19202	2.290	ug/l	98
86) p-Isopropyltoluene	13.729	119	16099	2.325	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	8671	2.502	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	8723	2.497	ug/l	83
89) n-Butylbenzene	14.059	91	13321	2.220	ug/l	99
90) Hexachloroethane	14.335	117	3031	2.266	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	8280	2.469	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1491	2.621	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	3969	2.113	ug/l	94
94) Hexachlorobutadiene	15.500	225	1804	2.159	ug/l	96
95) Naphthalene	15.647	128	13200	1.984	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4146	2.230	ug/l	93

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

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