

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083303.D
 Acq On : 14 Aug 2024 16:04
 Operator : JC\MD
 Sample : P3390-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 15 00:54:40 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	154359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122778	55.881	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.760%			
35) Dibromofluoromethane	8.171	113	89309	52.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.565	98	316756	50.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	12.847	95	115349	46.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1305	0.746	ug/l	75
3) Chloromethane	2.365	50	1517	0.846	ug/l #	52
4) Vinyl Chloride	2.512	62	1335	0.730	ug/l	99
5) Bromomethane	2.965	94	1241	1.094	ug/l	98
6) Chloroethane	3.112	64	1070m	0.935	ug/l	
7) Trichlorofluoromethane	3.489	101	2273	0.752	ug/l	98
8) Diethyl Ether	3.965	74	670	0.596	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	1225	0.736	ug/l #	66
10) Methyl Iodide	4.594	142	1053	0.481	ug/l #	72
11) Tert butyl alcohol	5.524	59	1680	3.679	ug/l #	71
12) 1,1-Dichloroethene	4.341	96	1128	0.659	ug/l	93
13) Acrolein	4.177	56	758m	2.547	ug/l	
14) Allyl chloride	5.030	41	1835	0.567	ug/l	97
15) Acrylonitrile	5.730	53	2972	3.165	ug/l	98
16) Acetone	4.447	43	3399	3.954	ug/l #	85
17) Carbon Disulfide	4.718	76	3820	0.763	ug/l #	75
18) Methyl Acetate	5.036	43	2142	0.836	ug/l #	69
19) Methyl tert-butyl Ether	5.788	73	4159m	0.673	ug/l	
20) Methylene Chloride	5.271	84	2263	1.144	ug/l #	68
21) trans-1,2-Dichloroethene	5.788	96	1520	0.859	ug/l #	65
22) Diisopropyl ether	6.683	45	4053	0.667	ug/l #	95
23) Vinyl Acetate	6.606	43	19651	3.154	ug/l	99
24) 1,1-Dichloroethane	6.571	63	2468	0.745	ug/l #	83
25) 2-Butanone	7.488	43	4891	3.705	ug/l	93
26) 2,2-Dichloropropane	7.488	77	2169	0.705	ug/l #	69
27) cis-1,2-Dichloroethene	7.488	96	1681	0.788	ug/l	89
28) Bromochloromethane	7.812	49	1135	0.838	ug/l #	99
29) Tetrahydrofuran	7.853	42	3244	3.801	ug/l	95
30) Chloroform	7.971	83	2570	0.747	ug/l	95
31) Cyclohexane	8.224	56	6239	1.916	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	2173	0.667	ug/l #	53
36) 1,1-Dichloropropene	8.371	75	1816	0.710	ug/l #	75
37) Ethyl Acetate	7.565	43	1821	0.636	ug/l #	72
38) Carbon Tetrachloride	8.365	117	1983	0.689	ug/l #	88
39) Methylcyclohexane	9.600	83	1837	0.585	ug/l #	82
40) Benzene	8.606	78	5093	0.669	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	1101	0.676	ug/l #	50
42) 1,2-Dichloroethane	8.671	62	2197	0.792	ug/l	85
43) Isopropyl Acetate	8.694	43	5616m	0.856	ug/l	
44) Trichloroethene	9.353	130	1191	0.657	ug/l	68
45) 1,2-Dichloropropane	9.618	63	1221	0.675	ug/l	97
46) Dibromomethane	9.712	93	777	0.600	ug/l	97
47) Bromodichloromethane	9.888	83	1811	0.623	ug/l #	71
48) Methyl methacrylate	9.688	41	1434	0.606	ug/l #	85
49) 1,4-Dioxane	9.700	88	493	11.546	ug/l #	65
51) 4-Methyl-2-Pentanone	10.447	43	8761	3.236	ug/l	90
52) Toluene	10.635	92	3479	0.723	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	1755	0.588	ug/l #	75
54) cis-1,3-Dichloropropene	10.318	75	1770	0.558	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	1125	0.652	ug/l #	78
56) Ethyl methacrylate	10.876	69	2058	0.633	ug/l	89
57) 1,3-Dichloropropane	11.165	76	2534	0.824	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	4268	3.106	ug/l	97
59) 2-Hexanone	11.200	43	6645	3.173	ug/l	97
60) Dibromochloromethane	11.365	129	1422	0.682	ug/l	92
61) 1,2-Dibromoethane	11.465	107	1171	0.646	ug/l	98
64) Tetrachloroethene	11.100	164	1243	0.806	ug/l #	68
65) Chlorobenzene	11.894	112	3530	0.686	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	1305	0.719	ug/l #	56
67) Ethyl Benzene	11.965	91	6204	0.657	ug/l #	88
68) m/p-Xylenes	12.070	106	4684	1.324	ug/l	97
69) o-Xylene	12.400	106	2061	0.591	ug/l	98
70) Styrene	12.417	104	3716	0.634	ug/l	94
71) Bromoform	12.576	173	811	0.590	ug/l #	89
73) Isopropylbenzene	12.694	105	5424	0.652	ug/l	95
74) N-amyl acetate	12.494	43	2249	0.553	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	1630	0.693	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	1674m	0.767	ug/l	
77) Bromobenzene	12.982	156	1410	0.763	ug/l	92
78) n-propylbenzene	13.035	91	6502	0.679	ug/l	98
79) 2-Chlorotoluene	13.123	91	4275	0.704	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	4416	0.634	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.741	75	478m	0.477	ug/l	
82) 4-Chlorotoluene	13.223	91	4276	0.702	ug/l	96
83) tert-Butylbenzene	13.441	119	4242	0.688	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	4388	0.625	ug/l	95
85) sec-Butylbenzene	13.617	105	5509	0.655	ug/l	95
86) p-Isopropyltoluene	13.729	119	4358	0.627	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	2374	0.683	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	2713m	0.774	ug/l	
89) n-Butylbenzene	14.059	91	3307	0.549	ug/l	95
90) Hexachloroethane	14.335	117	683	0.509	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	2360	0.702	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.717	75	298	0.522	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	958	0.508	ug/l	73
94) Hexachlorobutadiene	15.505	225	365	0.436	ug/l	94
95) Naphthalene	15.647	128	4042	0.606	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.852	180	1005	0.539	ug/l	87

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

