

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083301.D
 Acq On : 14 Aug 2024 15:15
 Operator : JC\MD
 Sample : P3390-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 15 00:52:58 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	157422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121168	54.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.160%			
35) Dibromofluoromethane	8.171	113	86425	50.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.565	98	311243	48.293	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.847	95	114150	45.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	461	0.258	ug/l #	43
3) Chloromethane	2.359	50	568	0.311	ug/l #	43
5) Bromomethane	2.965	94	590	0.510	ug/l #	58
7) Trichlorofluoromethane	3.506	101	734	0.238	ug/l #	68
11) Tert butyl alcohol	5.541	59	314	0.674	ug/l #	71
13) Acrolein	4.177	56	165	0.544	ug/l #	53
15) Acrylonitrile	5.730	53	942	0.984	ug/l #	69
16) Acetone	4.447	43	1449	1.653	ug/l #	88
17) Carbon Disulfide	4.712	76	2321	0.455	ug/l #	75
18) Methyl Acetate	5.041	43	899	0.344	ug/l #	56
20) Methylene Chloride	5.271	84	992	0.492	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	384	0.213	ug/l #	31
23) Vinyl Acetate	6.618	43	5880	0.925	ug/l #	85
25) 2-Butanone	7.500	43	1469	1.091	ug/l #	53
28) Bromochloromethane	7.824	49	330	0.239	ug/l #	21
29) Tetrahydrofuran	7.847	42	767	0.881	ug/l #	67
30) Chloroform	7.965	83	816	0.232	ug/l #	72
31) Cyclohexane	8.224	56	4598	1.385	ug/l #	14
36) 1,1-Dichloropropene	8.371	75	707m	0.271	ug/l	
39) Methylcyclohexane	9.606	83	782	0.244	ug/l #	47
40) Benzene	8.612	78	1687	0.217	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	711	0.251	ug/l #	78
43) Isopropyl Acetate	8.688	43	4253	0.634	ug/l #	60
44) Trichloroethene	9.359	130	572	0.309	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	2303	0.832	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.159	63	2212	1.575	ug/l #	76
59) 2-Hexanone	11.200	43	1706	0.797	ug/l	99
64) Tetrachloroethene	11.112	164	446	0.286	ug/l #	74
65) Chlorobenzene	11.900	112	1246	0.239	ug/l	90
67) Ethyl Benzene	11.965	91	1995	0.209	ug/l	96
68) m/p-Xylenes	12.082	106	1434	0.401	ug/l	83
73) Isopropylbenzene	12.694	105	1811	0.213	ug/l	95
76) 1,2,3-Trichloropropane	12.988	75	530m	0.238	ug/l	
78) n-propylbenzene	13.035	91	2442	0.250	ug/l	90
79) 2-Chlorotoluene	13.129	91	1367m	0.221	ug/l	
80) 1,3,5-Trimethylbenzene	13.170	105	1443	0.203	ug/l	98

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

82) 4-Chlorotoluene	13.217	91	1771	0.285	ug/l	85
83) tert-Butylbenzene	13.441	119	1317	0.209	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1595	0.223	ug/l	81
85) sec-Butylbenzene	13.617	105	1980	0.231	ug/l	87
86) p-Isopropyltoluene	13.729	119	1839	0.259	ug/l	90
87) 1,3-Dichlorobenzene	13.729	146	1124	0.317	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	1296m	0.362	ug/l	
89) n-Butylbenzene	14.053	91	1688	0.275	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	932	0.271	ug/l	86
93) 1,2,4-Trichlorobenzene	15.400	180	855	0.445	ug/l	95
94) Hexachlorobutadiene	15.500	225	337	0.394	ug/l #	41
95) Naphthalene	15.641	128	3133	0.460	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.847	180	1010	0.531	ug/l #	80

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

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