

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083258.D
 Acq On : 13 Aug 2024 15:19
 Operator : JC\MD
 Sample : P3390-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 14 02:59:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 02:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128720	55.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.880%			
35) Dibromofluoromethane	8.171	113	91766	50.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	10.571	98	332333	49.348	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.847	95	121059	46.109	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	705	0.381	ug/l	93
3) Chloromethane	2.359	50	1043	0.551	ug/l	90
4) Vinyl Chloride	2.518	62	906	0.469	ug/l #	86
5) Bromomethane	2.965	94	893	0.745	ug/l	90
6) Chloroethane	3.118	64	651	0.538	ug/l	93
7) Trichlorofluoromethane	3.495	101	1296	0.406	ug/l	91
8) Diethyl Ether	3.959	74	405	0.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	706	0.401	ug/l #	86
10) Methyl Iodide	4.595	142	675	0.292	ug/l #	38
11) Tert butyl alcohol	5.530	59	1217	2.522	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	684	0.378	ug/l	89
13) Acrolein	4.195	56	647	2.057	ug/l	100
14) Allyl chloride	5.024	41	1499	0.439	ug/l #	81
15) Acrylonitrile	5.730	53	1809	1.823	ug/l #	82
16) Acetone	4.436	43	3217	3.541	ug/l #	88
17) Carbon Disulfide	4.700	76	2719m	0.514	ug/l	
18) Methyl Acetate	5.036	43	1654m	0.611	ug/l	
19) Methyl tert-butyl Ether	5.800	73	2944	0.451	ug/l #	86
20) Methylene Chloride	5.271	84	1641	0.785	ug/l #	53
21) trans-1,2-Dichloroethene	5.800	96	860m	0.460	ug/l	
22) Diisopropyl ether	6.677	45	2599	0.405	ug/l #	73
23) Vinyl Acetate	6.606	43	13139	1.996	ug/l	98
24) 1,1-Dichloroethane	6.565	63	1499	0.428	ug/l #	83
25) 2-Butanone	7.500	43	3512	2.517	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	1280	0.394	ug/l #	67
27) cis-1,2-Dichloroethene	7.488	96	1027	0.455	ug/l	85
28) Bromochloromethane	7.812	49	519	0.363	ug/l #	79
29) Tetrahydrofuran	7.847	42	2029	2.250	ug/l	95
30) Chloroform	7.965	83	1898	0.522	ug/l	85
31) Cyclohexane	8.224	56	5574	1.620	ug/l #	7
32) 1,1,1-Trichloroethane	8.171	97	1585	0.460	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	1201	0.440	ug/l #	71
37) Ethyl Acetate	7.577	43	1300m	0.425	ug/l	
38) Carbon Tetrachloride	8.353	117	1253	0.407	ug/l #	70
39) Methylcyclohexane	9.606	83	1380	0.411	ug/l #	91
40) Benzene	8.606	78	3596	0.442	ug/l #	84

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41) Methacrylonitrile	7.771	41	610	0.351	ug/l #	49
42) 1,2-Dichloroethane	8.671	62	1623	0.548	ug/l #	78
43) Isopropyl Acetate	8.688	43	5941	0.848	ug/l #	73
44) Trichloroethene	9.347	130	999	0.516	ug/l	68
45) 1,2-Dichloropropane	9.618	63	711	0.368	ug/l #	44
46) Dibromomethane	9.718	93	508	0.368	ug/l	94
47) Bromodichloromethane	9.877	83	1377	0.444	ug/l #	61
48) Methyl methacrylate	9.688	41	1062	0.420	ug/l	93
49) 1,4-Dioxane	9.694	88	318	6.972	ug/l #	53
51) 4-Methyl-2-Pentanone	10.441	43	5862	2.027	ug/l	99
52) Toluene	10.629	92	2283	0.444	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	1310	0.411	ug/l	91
54) cis-1,3-Dichloropropene	10.324	75	1298	0.383	ug/l #	75
55) 1,1,2-Trichloroethane	11.012	97	837	0.454	ug/l	90
56) Ethyl methacrylate	10.871	69	1258	0.362	ug/l	93
57) 1,3-Dichloropropane	11.165	76	1469	0.447	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.165	63	2848	1.940	ug/l	93
59) 2-Hexanone	11.194	43	4549	2.033	ug/l	100
60) Dibromochloromethane	11.359	129	934	0.419	ug/l	93
61) 1,2-Dibromoethane	11.476	107	776	0.401	ug/l	85
64) Tetrachloroethene	11.088	164	767	0.466	ug/l #	26
65) Chlorobenzene	11.888	112	2631	0.479	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	873	0.450	ug/l #	61
67) Ethyl Benzene	11.970	91	4401	0.436	ug/l	96
68) m/p-Xylenes	12.070	106	3127	0.828	ug/l	91
69) o-Xylene	12.394	106	1693	0.454	ug/l	85
70) Styrene	12.412	104	2749	0.439	ug/l	90
71) Bromoform	12.576	173	777	0.529	ug/l #	59
73) Isopropylbenzene	12.694	105	3696	0.425	ug/l	94
74) N-amyl acetate	12.494	43	1921	0.452	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.929	83	1088	0.442	ug/l #	88
76) 1,2,3-Trichloropropane	12.994	75	1070m	0.469	ug/l	
77) Bromobenzene	12.976	156	871	0.451	ug/l	89
78) n-propylbenzene	13.035	91	4300	0.429	ug/l	95
79) 2-Chlorotoluene	13.123	91	3118	0.491	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	3285	0.451	ug/l	96
82) 4-Chlorotoluene	13.223	91	2925	0.459	ug/l	94
83) tert-Butylbenzene	13.435	119	2926	0.454	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	2935	0.400	ug/l	100
85) sec-Butylbenzene	13.612	105	3458	0.393	ug/l	92
86) p-Isopropyltoluene	13.729	119	2950	0.406	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	1531	0.421	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	1695m	0.462	ug/l	
89) n-Butylbenzene	14.059	91	2104	0.334	ug/l	85
90) Hexachloroethane	14.341	117	387	0.276	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	1752	0.498	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.723	75	153m	0.256	ug/l	
93) 1,2,4-Trichlorobenzene	15.400	180	888	0.451	ug/l #	79
94) Hexachlorobutadiene	15.500	225	205	0.234	ug/l #	45
95) Naphthalene	15.641	128	2456	0.352	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.829	180	848m	0.435	ug/l	

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

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