

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083259.D
 Acq On : 13 Aug 2024 15:43
 Operator : JC\MD
 Sample : P3390-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 14 03:00:18 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	8.223	168	161192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	238769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125742	54.804	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	109.600%		
35) Dibromofluoromethane	8.171	113	90685	51.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	10.564	98	331500	49.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.960%		
62) 4-Bromofluorobenzene	12.847	95	118661	45.890	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1406	0.769	ug/l	85
3) Chloromethane	2.365	50	1558	0.833	ug/l #	81
4) Vinyl Chloride	2.512	62	1474	0.772	ug/l	99
5) Bromomethane	2.959	94	1231	1.039	ug/l	97
6) Chloroethane	3.118	64	1073	0.898	ug/l	94
7) Trichlorofluoromethane	3.500	101	2364	0.749	ug/l	92
8) Diethyl Ether	3.971	74	754	0.642	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.371	101	1274m	0.733	ug/l	
10) Methyl Iodide	4.594	142	1241	0.542	ug/l #	70
11) Tert butyl alcohol	5.524	59	1909	4.004	ug/l #	71
12) 1,1-Dichloroethene	4.335	96	1297	0.726	ug/l #	68
13) Acrolein	4.194	56	1170	3.765	ug/l	90
14) Allyl chloride	5.012	41	2361m	0.699	ug/l	
15) Acrylonitrile	5.741	53	3263	3.327	ug/l	94
16) Acetone	4.441	43	4290	4.778	ug/l	98
17) Carbon Disulfide	4.712	76	4191	0.802	ug/l #	75
18) Methyl Acetate	5.030	43	2226	0.832	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	4444	0.689	ug/l	100
20) Methylene Chloride	5.282	84	2146	1.039	ug/l #	70
21) trans-1,2-Dichloroethene	5.800	96	1383m	0.749	ug/l	
22) Diisopropyl ether	6.676	45	3974	0.626	ug/l #	74
23) Vinyl Acetate	6.606	43	21227	3.263	ug/l	97
24) 1,1-Dichloroethane	6.565	63	2529	0.731	ug/l #	83
25) 2-Butanone	7.494	43	5049	3.663	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	2065	0.643	ug/l #	63
27) cis-1,2-Dichloroethene	7.476	96	1376	0.617	ug/l	94
28) Bromochloromethane	7.812	49	1007	0.712	ug/l #	98
29) Tetrahydrofuran	7.847	42	3116	3.497	ug/l #	85
30) Chloroform	7.971	83	2656	0.739	ug/l #	71
31) Cyclohexane	8.229	56	5961	1.753	ug/l #	11
32) 1,1,1-Trichloroethane	8.171	97	2464	0.724	ug/l #	43
36) 1,1-Dichloropropene	8.370	75	2048	0.761	ug/l #	78
37) Ethyl Acetate	7.565	43	2119	0.704	ug/l #	72
38) Carbon Tetrachloride	8.365	117	2134	0.704	ug/l #	74
39) Methylcyclohexane	9.606	83	2079	0.629	ug/l #	80
40) Benzene	8.600	78	5445	0.680	ug/l #	81

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41) Methacrylonitrile	7.782	41	1411	0.824	ug/l #	57
42) 1,2-Dichloroethane	8.676	62	2331	0.799	ug/l #	78
43) Isopropyl Acetate	8.694	43	5735	0.831	ug/l #	80
44) Trichloroethene	9.359	130	1410	0.739	ug/l	64
45) 1,2-Dichloropropane	9.629	63	1174	0.617	ug/l	94
46) Dibromomethane	9.712	93	961	0.706	ug/l	99
47) Bromodichloromethane	9.882	83	2077	0.679	ug/l #	97
48) Methyl methacrylate	9.676	41	1457	0.585	ug/l	93
49) 1,4-Dioxane	9.700	88	506	11.265	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	9569	3.360	ug/l	97
52) Toluene	10.629	92	3277	0.647	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	1942	0.618	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	2047	0.613	ug/l	90
55) 1,1,2-Trichloroethane	11.017	97	1330	0.733	ug/l #	85
56) Ethyl methacrylate	10.876	69	2050	0.599	ug/l #	84
57) 1,3-Dichloropropane	11.164	76	2213	0.684	ug/l #	82
58) 2-Chloroethyl Vinyl ether	10.165	63	4877	3.373	ug/l	100
59) 2-Hexanone	11.200	43	6853	3.110	ug/l	100
60) Dibromochloromethane	11.359	129	1395	0.636	ug/l	99
61) 1,2-Dibromoethane	11.470	107	1239	0.650	ug/l	95
64) Tetrachloroethene	11.106	164	1178	0.745	ug/l	92
65) Chlorobenzene	11.894	112	3678	0.697	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	1207	0.649	ug/l #	66
67) Ethyl Benzene	11.964	91	6708	0.693	ug/l	97
68) m/p-Xylenes	12.076	106	4868	1.343	ug/l	97
69) o-Xylene	12.400	106	2207	0.617	ug/l	95
70) Styrene	12.417	104	3620	0.603	ug/l	96
71) Bromoform	12.576	173	886	0.628	ug/l #	82
73) Isopropylbenzene	12.694	105	5797	0.678	ug/l	94
74) N-amyl acetate	12.494	43	2844	0.680	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	1789	0.740	ug/l #	94
76) 1,2,3-Trichloropropane	12.988	75	1755m	0.783	ug/l	
77) Bromobenzene	12.976	156	1454	0.766	ug/l	97
78) n-propylbenzene	13.035	91	6640	0.675	ug/l	98
79) 2-Chlorotoluene	13.129	91	4528	0.726	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4760	0.665	ug/l	99
82) 4-Chlorotoluene	13.223	91	4344	0.694	ug/l	93
83) tert-Butylbenzene	13.441	119	3825	0.604	ug/l	79
84) 1,2,4-Trimethylbenzene	13.482	105	4527	0.628	ug/l	89
85) sec-Butylbenzene	13.617	105	5149	0.595	ug/l	96
86) p-Isopropyltoluene	13.729	119	4698	0.658	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	2440	0.683	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	2566m	0.712	ug/l	
89) n-Butylbenzene	14.058	91	3710	0.600	ug/l	94
90) Hexachloroethane	14.329	117	756	0.548	ug/l	92
91) 1,2-Dichlorobenzene	14.105	146	2342	0.677	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.723	75	301	0.513	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.399	180	1164	0.601	ug/l	85
94) Hexachlorobutadiene	15.499	225	388	0.450	ug/l	75
95) Naphthalene	15.647	128	4146	0.604	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.841	180	1003	0.523	ug/l	90

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

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