

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083260.D
 Acq On : 13 Aug 2024 16:07
 Operator : JC\MD
 Sample : P3390-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 14 03:01:15 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	164141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129179	55.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.580%
35) Dibromofluoromethane	8.165	113	91753	51.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.571	98	338557	50.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.847	95	125867	48.291	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	4787	2.572	ug/l	96
3) Chloromethane	2.365	50	5745	3.015	ug/l	90
4) Vinyl Chloride	2.512	62	5550	2.854	ug/l #	88
5) Bromomethane	2.953	94	4066	3.370	ug/l	97
6) Chloroethane	3.112	64	3566	2.931	ug/l	98
7) Trichlorofluoromethane	3.489	101	8907	2.773	ug/l	96
8) Diethyl Ether	3.959	74	3005	2.514	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	5247	2.963	ug/l #	90
10) Methyl Iodide	4.589	142	5194	2.229	ug/l	92
11) Tert butyl alcohol	5.530	59	5683	11.705	ug/l #	90
12) 1,1-Dichloroethene	4.336	96	4508	2.478	ug/l	87
13) Acrolein	4.183	56	3650	11.534	ug/l	98
14) Allyl chloride	5.024	41	8265	2.404	ug/l	91
15) Acrylonitrile	5.724	53	12484	12.502	ug/l	97
16) Acetone	4.442	43	12059	13.191	ug/l	95
17) Carbon Disulfide	4.712	76	12618	2.370	ug/l	100
18) Methyl Acetate	5.042	43	7194	2.641	ug/l	91
19) Methyl tert-butyl Ether	5.789	73	16912	2.575	ug/l	97
20) Methylene Chloride	5.277	84	6227	2.960	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	5168	2.748	ug/l	83
22) Diisopropyl ether	6.677	45	16505	2.554	ug/l	97
23) Vinyl Acetate	6.600	43	82782m	12.496	ug/l	
24) 1,1-Dichloroethane	6.565	63	9717	2.758	ug/l #	93
25) 2-Butanone	7.488	43	17757	12.650	ug/l	97
26) 2,2-Dichloropropane	7.500	77	7768	2.374	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	6090	2.684	ug/l	94
28) Bromochloromethane	7.812	49	3847	2.672	ug/l #	87
29) Tetrahydrofuran	7.853	42	11527	12.703	ug/l #	88
30) Chloroform	7.965	83	9380	2.563	ug/l	96
31) Cyclohexane	8.259	56	12370	3.573	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	9151	2.641	ug/l #	52
36) 1,1-Dichloropropene	8.377	75	7031	2.593	ug/l	96
37) Ethyl Acetate	7.565	43	7769	2.559	ug/l #	92
38) Carbon Tetrachloride	8.359	117	8074	2.644	ug/l	93
39) Methylcyclohexane	9.600	83	8010	2.405	ug/l	98
40) Benzene	8.606	78	20880	2.585	ug/l	93

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41) Methacrylonitrile	7.783	41	4434	2.569	ug/l	97
42) 1,2-Dichloroethane	8.671	62	8069	2.743	ug/l	97
43) Isopropyl Acetate	8.694	43	17110	2.460	ug/l	93
44) Trichloroethene	9.359	130	5254	2.733	ug/l	95
45) 1,2-Dichloropropane	9.629	63	5360	2.796	ug/l #	86
46) Dibromomethane	9.706	93	3583	2.611	ug/l	96
47) Bromodichloromethane	9.882	83	8189	2.658	ug/l #	89
48) Methyl methacrylate	9.682	41	5712	2.276	ug/l	91
49) 1,4-Dioxane	9.706	88	2189	48.347	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	36307	12.648	ug/l	96
52) Toluene	10.629	92	13175	2.582	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	7457	2.356	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	7645	2.271	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	4906	2.683	ug/l	90
56) Ethyl methacrylate	10.876	69	7886	2.287	ug/l	93
57) 1,3-Dichloropropane	11.165	76	8343	2.559	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	18155	12.458	ug/l	98
59) 2-Hexanone	11.194	43	26450	11.910	ug/l	92
60) Dibromochloromethane	11.359	129	5422	2.452	ug/l	95
61) 1,2-Dibromoethane	11.471	107	4819	2.508	ug/l	96
64) Tetrachloroethene	11.106	164	4218	2.597	ug/l	94
65) Chlorobenzene	11.894	112	14468	2.670	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	4653	2.435	ug/l	91
67) Ethyl Benzene	11.965	91	25209	2.536	ug/l	95
68) m/p-Xylenes	12.070	106	18254	4.902	ug/l	96
69) o-Xylene	12.400	106	8632	2.350	ug/l	94
70) Styrene	12.412	104	14755	2.392	ug/l	99
71) Bromoform	12.582	173	3676	2.539	ug/l #	97
73) Isopropylbenzene	12.700	105	22585	2.466	ug/l	99
74) N-amyl acetate	12.494	43	10079	2.250	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	6834	2.638	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	5240m	2.181	ug/l	
77) Bromobenzene	12.976	156	5448	2.678	ug/l	93
78) n-propylbenzene	13.035	91	26554	2.518	ug/l	99
79) 2-Chlorotoluene	13.123	91	17153	2.566	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	18888	2.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	2334	2.113	ug/l	92
82) 4-Chlorotoluene	13.223	91	16553	2.468	ug/l	99
83) tert-Butylbenzene	13.435	119	16371	2.411	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	18418	2.384	ug/l	99
85) sec-Butylbenzene	13.617	105	22194	2.395	ug/l	100
86) p-Isopropyltoluene	13.729	119	17129	2.239	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	9844	2.572	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	9656m	2.502	ug/l	
89) n-Butylbenzene	14.059	91	14656	2.211	ug/l	99
90) Hexachloroethane	14.329	117	3712	2.512	ug/l	76
91) 1,2-Dichlorobenzene	14.112	146	9107	2.458	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1315	2.092	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	4513	2.175	ug/l	97
94) Hexachlorobutadiene	15.494	225	1985	2.151	ug/l	99
95) Naphthalene	15.647	128	15084	2.052	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	4405	2.145	ug/l	98

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

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