

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081759.D
 Acq On : 16 Apr 2024 15:15
 Operator : JC\MD
 Sample : P2073-04MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RSB-01B-23-041024MS

Quant Time: Apr 17 03:25:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	256231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	196179	54.410	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.820%			
35) Dibromofluoromethane	8.165	113	157157	51.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.571	98	611563	54.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.853	95	218714	56.976	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	149764	46.153	ug/l	100
3) Chloromethane	2.359	50	146751	53.667	ug/l	97
4) Vinyl Chloride	2.512	62	192741	48.532	ug/l	99
5) Bromomethane	2.954	94	112784	47.002	ug/l	98
6) Chloroethane	3.118	64	129648	54.926	ug/l	100
7) Trichlorofluoromethane	3.495	101	255641	49.846	ug/l	98
8) Diethyl Ether	3.959	74	82368	45.753	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	846712	263.593	ug/l	99
10) Methyl Iodide	4.589	142	123496	71.630	ug/l	93
11) Tert butyl alcohol	5.512	59	121525	247.084	ug/l	96
12) 1,1-Dichloroethene	4.342	96	166513	54.696	ug/l	95
13) Acrolein	4.177	56	130385	249.371	ug/l	97
14) Allyl chloride	5.018	41	180216	46.645	ug/l	99
15) Acrylonitrile	5.712	53	324926	239.386	ug/l	99
16) Acetone	4.424	43	243262	242.408	ug/l	94
17) Carbon Disulfide	4.712	76	383209	43.308	ug/l	99
18) Methyl Acetate	5.024	43	123191	43.890	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	467117	52.718	ug/l	98
20) Methylene Chloride	5.283	84	153372	51.745	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	147791	48.334	ug/l	84
22) Diisopropyl ether	6.671	45	440486	52.391	ug/l	97
23) Vinyl Acetate	6.600	43	1697347	258.628	ug/l	99
24) 1,1-Dichloroethane	6.571	63	277082	50.088	ug/l	100
25) 2-Butanone	7.483	43	409381	247.459	ug/l	97
26) 2,2-Dichloropropane	7.489	77	231497	48.007	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	185565	49.610	ug/l	97
28) Bromochloromethane	7.812	49	112566	47.662	ug/l	99
29) Tetrahydrofuran	7.841	42	286213	267.412	ug/l	99
30) Chloroform	7.965	83	342930	54.670	ug/l	96
31) Cyclohexane	8.259	56	239916	48.506	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	491956	88.444	ug/l	97
36) 1,1-Dichloropropene	8.377	75	214194	50.418	ug/l	99
37) Ethyl Acetate	7.559	43	180672	51.754	ug/l	98
38) Carbon Tetrachloride	8.365	117	251572	50.897	ug/l	98
39) Methylcyclohexane	9.600	83	252112	50.372	ug/l	98
40) Benzene	8.606	78	666972	50.399	ug/l	97

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41) Methacrylonitrile	7.777	41	99626	52.571	ug/l	98
42) 1,2-Dichloroethane	8.671	62	228239	49.475	ug/l	100
43) Isopropyl Acetate	8.688	43	367695	56.456	ug/l	93
44) Trichloroethene	9.353	130	12221196	3551.135	ug/l	94
45) 1,2-Dichloropropane	9.624	63	147326	48.286	ug/l	98
46) Dibromomethane	9.712	93	118825	46.661	ug/l	97
47) Bromodichloromethane	9.888	83	247185	50.813	ug/l	99
48) Methyl methacrylate	9.683	41	140060	52.763	ug/l	98
49) 1,4-Dioxane	9.694	88	65031	976.782	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	951696	262.717	ug/l	100
52) Toluene	10.630	92	440142	52.360	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	254109	52.438	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	254424	49.286	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	163339	51.726	ug/l	91
56) Ethyl methacrylate	10.877	69	253742	58.401	ug/l	98
57) 1,3-Dichloropropane	11.165	76	268443	50.787	ug/l	100
59) 2-Hexanone	11.200	43	722021	275.331	ug/l	100
60) Dibromochloromethane	11.359	129	201748	52.859	ug/l	98
61) 1,2-Dibromoethane	11.471	107	169717	51.524	ug/l	99
64) Tetrachloroethene	11.106	164	446761	122.100	ug/l	98
65) Chlorobenzene	11.894	112	497419	50.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	167379	49.443	ug/l	100
67) Ethyl Benzene	11.965	91	837619	53.623	ug/l	100
68) m/p-Xylenes	12.071	106	660576	108.752	ug/l	99
69) o-Xylene	12.400	106	317902	54.612	ug/l	99
70) Styrene	12.412	104	538661	56.484	ug/l	99
71) Bromoform	12.582	173	130413	49.925	ug/l #	97
73) Isopropylbenzene	12.700	105	823835	53.401	ug/l	100
74) N-amyl acetate	12.494	43	292360	52.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	208230	45.942	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199834m	53.620	ug/l	
77) Bromobenzene	12.982	156	191465	48.680	ug/l	98
78) n-propylbenzene	13.035	91	947137	52.907	ug/l	100
79) 2-Chlorotoluene	13.129	91	568314	50.930	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	692019	54.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	81504	48.475	ug/l	98
82) 4-Chlorotoluene	13.223	91	567927	51.519	ug/l	100
83) tert-Butylbenzene	13.441	119	593776	53.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	692276	54.459	ug/l	100
85) sec-Butylbenzene	13.618	105	829584	53.860	ug/l	99
86) p-Isopropyltoluene	13.729	119	692660	54.865	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	353120	48.035	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	357773	47.727	ug/l	99
89) n-Butylbenzene	14.059	91	576215	52.202	ug/l	99
90) Hexachloroethane	14.335	117	131541	48.947	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	341218	47.957	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45951	54.811	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	183309	48.908	ug/l	99
94) Hexachlorobutadiene	15.500	225	66754	41.316	ug/l	94
95) Naphthalene	15.641	128	644976	53.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	185047	48.289	ug/l	98

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

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