

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082700.D
 Acq On : 24 Jun 2024 14:32
 Operator : JC\MD
 Sample : P3034-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR-05-187-208-062124MSD

Quant Time: Jun 25 02:28:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144213	50.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.171	113	103617	51.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.080%			
50) Toluene-d8	10.571	98	390835	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.853	95	137897	52.103	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	116697	46.563	ug/l	99
3) Chloromethane	2.359	50	132502	44.103	ug/l	99
4) Vinyl Chloride	2.512	62	137484	48.085	ug/l	100
5) Bromomethane	2.936	94	83694	45.473	ug/l	97
6) Chloroethane	3.106	64	92624	45.431	ug/l	99
7) Trichlorofluoromethane	3.489	101	173348	46.472	ug/l	99
8) Diethyl Ether	3.959	74	61942	48.759	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	99751	47.742	ug/l	98
10) Methyl Iodide	4.583	142	99085	49.785	ug/l	96
11) Tert butyl alcohol	5.530	59	125727	266.948	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95491	47.793	ug/l	99
13) Acrolein	4.183	56	100433	209.333	ug/l	97
14) Allyl chloride	5.018	41	180118	46.094	ug/l	99
15) Acrylonitrile	5.718	53	315306	253.622	ug/l	99
16) Acetone	4.430	43	285255	217.960	ug/l	100
17) Carbon Disulfide	4.712	76	263207	41.481	ug/l	100
18) Methyl Acetate	5.024	43	146796	45.860	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	354376	51.815	ug/l	99
20) Methylene Chloride	5.277	84	111147	48.306	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	100550	47.352	ug/l	98
22) Diisopropyl ether	6.677	45	417855	50.990	ug/l	99
23) Vinyl Acetate	6.606	43	1685493	259.366	ug/l	100
24) 1,1-Dichloroethane	6.571	63	221325	49.856	ug/l	99
25) 2-Butanone	7.489	43	461131	247.891	ug/l	98
26) 2,2-Dichloropropane	7.494	77	182081	47.281	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	126434	49.416	ug/l	97
28) Bromochloromethane	7.818	49	98178	48.461	ug/l	98
29) Tetrahydrofuran	7.841	42	309629	271.894	ug/l	99
30) Chloroform	7.965	83	217271	50.174	ug/l	97
31) Cyclohexane	8.259	56	183507	44.186	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	193234	49.209	ug/l	99
36) 1,1-Dichloropropene	8.371	75	152136	50.134	ug/l	100
37) Ethyl Acetate	7.565	43	187147	48.415	ug/l	99
38) Carbon Tetrachloride	8.365	117	168069	49.145	ug/l	96
39) Methylcyclohexane	9.606	83	156837	49.111	ug/l	97
40) Benzene	8.606	78	467852	49.896	ug/l	100

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41) Methacrylonitrile	7.777	41	102971	52.114	ug/l	99
42) 1,2-Dichloroethane	8.671	62	181275	50.826	ug/l	100
43) Isopropyl Acetate	8.694	43	328901	45.529	ug/l	100
44) Trichloroethene	9.353	130	104927	48.192	ug/l	98
45) 1,2-Dichloropropane	9.624	63	122316	50.680	ug/l	100
46) Dibromomethane	9.712	93	82782	50.599	ug/l	100
47) Bromodichloromethane	9.888	83	175203	50.230	ug/l	97
48) Methyl methacrylate	9.682	41	155126	52.090	ug/l	99
49) 1,4-Dioxane	9.694	88	55435	1190.065	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	995162	268.581	ug/l	100
52) Toluene	10.629	92	296544	52.186	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	185240	51.950	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	183052	49.644	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	110898	53.920	ug/l	99
56) Ethyl methacrylate	10.877	69	189402	55.602	ug/l	99
57) 1,3-Dichloropropane	11.165	76	196528	51.688	ug/l	98
59) 2-Hexanone	11.200	43	753899	267.704	ug/l	100
60) Dibromochloromethane	11.359	129	135437	53.945	ug/l	99
61) 1,2-Dibromoethane	11.471	107	112074	51.683	ug/l	98
64) Tetrachloroethene	11.106	164	102469	44.517	ug/l	98
65) Chlorobenzene	11.894	112	316095	49.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	114837	50.307	ug/l	100
67) Ethyl Benzene	11.965	91	560719	51.404	ug/l	99
68) m/p-Xylenes	12.071	106	430866	106.174	ug/l	100
69) o-Xylene	12.400	106	205728	53.959	ug/l	99
70) Styrene	12.412	104	361837	55.917	ug/l	100
71) Bromoform	12.582	173	95073	52.679	ug/l #	99
73) Isopropylbenzene	12.700	105	535075	49.609	ug/l	100
74) N-amyl acetate	12.494	43	279672	48.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	165036	46.909	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	160660m	46.245	ug/l	
77) Bromobenzene	12.982	156	133133	47.954	ug/l	99
78) n-propylbenzene	13.035	91	646967	50.710	ug/l	100
79) 2-Chlorotoluene	13.123	91	389364	48.665	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	450643	51.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	73216	50.420	ug/l	92
82) 4-Chlorotoluene	13.223	91	391886	49.031	ug/l	99
83) tert-Butylbenzene	13.441	119	381694	51.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	457069	52.054	ug/l	99
85) sec-Butylbenzene	13.618	105	535148	50.538	ug/l	100
86) p-Isopropyltoluene	13.729	119	449622	52.729	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	244365	48.545	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	244532	46.476	ug/l	99
89) n-Butylbenzene	14.059	91	379123	50.123	ug/l	99
90) Hexachloroethane	14.335	117	89491	48.235	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	233857	47.580	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36684	49.268	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	119209	45.995	ug/l	100
94) Hexachlorobutadiene	15.500	225	51420	40.238	ug/l	100
95) Naphthalene	15.641	128	401227	50.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121839	46.129	ug/l	100

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

