

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082659.D
 Acq On : 20 Jun 2024 11:22
 Operator : JC\MD
 Sample : VN0620WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2024
 Supervised By : Mahesh Dadoda 06/21/2024

Quant Time: Jun 21 02:02:27 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	150134	52.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	8.171	113	103564	51.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	10.570	98	402637	52.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.847	95	130510	49.363	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45809	18.429	ug/l	97
3) Chloromethane	2.359	50	51929	17.427	ug/l	98
4) Vinyl Chloride	2.512	62	55289	19.497	ug/l	99
5) Bromomethane	2.953	94	33381	18.287	ug/l	96
6) Chloroethane	3.118	64	36368	17.985	ug/l	98
7) Trichlorofluoromethane	3.494	101	69156	18.693	ug/l	100
8) Diethyl Ether	3.965	74	23003	18.257	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	40378	19.485	ug/l	99
10) Methyl Iodide	4.594	142	37816	19.158	ug/l	98
11) Tert butyl alcohol	5.530	59	43852	93.878	ug/l	100
12) 1,1-Dichloroethene	4.341	96	34754	17.538	ug/l	91
13) Acrolein	4.177	56	30606	64.320	ug/l	98
14) Allyl chloride	5.024	41	66357	17.122	ug/l	99
15) Acrylonitrile	5.718	53	116320	94.338	ug/l	99
16) Acetone	4.436	43	114592	88.283	ug/l	98
17) Carbon Disulfide	4.718	76	106709	16.956	ug/l	99
18) Methyl Acetate	5.030	43	61738	19.447	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	125551	18.509	ug/l	99
20) Methylene Chloride	5.277	84	43773	19.182	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	38271	18.172	ug/l	96
22) Diisopropyl ether	6.671	45	158117	19.454	ug/l	95
23) Vinyl Acetate	6.606	43	604280	93.757	ug/l	98
24) 1,1-Dichloroethane	6.571	63	83301	18.920	ug/l	99
25) 2-Butanone	7.488	43	171089	92.733	ug/l	99
26) 2,2-Dichloropropane	7.488	77	72244	18.915	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	46681	18.396	ug/l	98
28) Bromochloromethane	7.818	49	43077	21.439	ug/l	99
29) Tetrahydrofuran	7.841	42	112285	99.416	ug/l	99
30) Chloroform	7.965	83	85910	20.003	ug/l	98
31) Cyclohexane	8.259	56	72690	17.648	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	74815	19.210	ug/l	94
36) 1,1-Dichloropropene	8.371	75	56863	18.758	ug/l	98
37) Ethyl Acetate	7.565	43	70161	18.170	ug/l	99
38) Carbon Tetrachloride	8.365	117	65028	19.035	ug/l	97
39) Methylcyclohexane	9.600	83	56102	17.586	ug/l	97
40) Benzene	8.606	78	178437	19.050	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36175	18.327	ug/l	98
42) 1,2-Dichloroethane	8.677	62	67964	19.076	ug/l	98
43) Isopropyl Acetate	8.688	43	141535	19.613	ug/l	95
44) Trichloroethene	9.359	130	40937	18.821	ug/l	97
45) 1,2-Dichloropropane	9.623	63	47013	19.499	ug/l	98
46) Dibromomethane	9.712	93	32343	19.790	ug/l	99
47) Bromodichloromethane	9.888	83	66067	18.961	ug/l	99
48) Methyl methacrylate	9.682	41	55251	18.572	ug/l	98
49) 1,4-Dioxane	9.700	88	18573	399.134	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	365345	98.704	ug/l	99
52) Toluene	10.629	92	109875	19.356	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	66511	18.672	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	71110	19.305	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41003	19.957	ug/l	92
56) Ethyl methacrylate	10.876	69	63489	18.657	ug/l	97
57) 1,3-Dichloropropane	11.165	76	74039	19.493	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	165323	91.840	ug/l	98
59) 2-Hexanone	11.200	43	271822	96.622	ug/l	98
60) Dibromochloromethane	11.359	129	48676	19.408	ug/l	99
61) 1,2-Dibromoethane	11.470	107	41254	19.044	ug/l	98
64) Tetrachloroethene	11.106	164	39464	17.261	ug/l	98
65) Chlorobenzene	11.894	112	115442	18.156	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	42329	18.669	ug/l	99
67) Ethyl Benzene	11.965	91	200150	18.473	ug/l	100
68) m/p-Xylenes	12.076	106	149120	36.996	ug/l	99
69) o-Xylene	12.400	106	70443	18.602	ug/l	99
70) Styrene	12.412	104	122973	19.133	ug/l	100
71) Bromoform	12.582	173	33661	18.778	ug/l #	98
73) Isopropylbenzene	12.694	105	179433	18.341	ug/l	99
74) N-amyl acetate	12.494	43	96446	18.472	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	59125	18.528	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	56330m	17.876	ug/l	
77) Bromobenzene	12.982	156	45995	18.265	ug/l	99
78) n-propylbenzene	13.035	91	214582	18.543	ug/l	100
79) 2-Chlorotoluene	13.129	91	134673	18.558	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	148437	18.697	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22628	17.180	ug/l	91
82) 4-Chlorotoluene	13.223	91	132797	18.318	ug/l	99
83) tert-Butylbenzene	13.441	119	125481	18.555	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150134	18.851	ug/l	100
85) sec-Butylbenzene	13.617	105	176116	18.337	ug/l	99
86) p-Isopropyltoluene	13.729	119	145218	18.776	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	82464	18.061	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	84514	17.709	ug/l	99
89) n-Butylbenzene	14.059	91	121097	17.651	ug/l	98
90) Hexachloroethane	14.335	117	30594	18.180	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	82309	18.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12263	18.158	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40430	17.198	ug/l	99
94) Hexachlorobutadiene	15.505	225	19208	16.572	ug/l	96
95) Naphthalene	15.641	128	121191	16.757	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	40180	16.772	ug/l	97

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

