

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077733.D
 Acq On : 18 May 2023 13:47
 Operator : JC\MD
 Sample : VN0518WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

Quant Time: May 19 07:34:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	420411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	752206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	656291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	286077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312965	49.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.500%		
35) Dibromofluoromethane	8.177	113	261736	53.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.720%		
50) Toluene-d8	10.576	98	1012497	53.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.260%		
62) 4-Bromofluorobenzene	12.853	95	334559	50.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	96756	20.223	ug/l	99
3) Chloromethane	2.365	50	97862	18.150	ug/l	99
4) Vinyl Chloride	2.524	62	113688	18.847	ug/l	100
5) Bromomethane	2.971	94	81555	18.280	ug/l	94
6) Chloroethane	3.130	64	78062	17.956	ug/l	99
7) Trichlorofluoromethane	3.506	101	176153	20.954	ug/l	97
8) Diethyl Ether	3.971	74	62762	20.450	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	95812	20.594	ug/l	96
10) Methyl Iodide	4.606	142	121094	21.825	ug/l	96
11) Tert butyl alcohol	5.536	59	78485	90.406	ug/l	100
12) 1,1-Dichloroethene	4.353	96	89590	20.261	ug/l	98
13) Acrolein	4.200	56	54985	82.565	ug/l	94
14) Allyl chloride	5.030	41	135154	20.806	ug/l	93
15) Acrylonitrile	5.730	53	211529	91.202	ug/l	99
16) Acetone	4.442	43	197817	99.956	ug/l	94
17) Carbon Disulfide	4.724	76	211264	17.732	ug/l	100
18) Methyl Acetate	5.036	43	156186	18.812	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	319571	19.967	ug/l	98
20) Methylene Chloride	5.289	84	104803	19.126	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	99910	20.115	ug/l	92
22) Diisopropyl ether	6.677	45	302147	19.844	ug/l #	94
23) Vinyl Acetate	6.612	43	850642	90.172	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	194515	20.853	ug/l	96
25) 2-Butanone	7.494	43	285201	92.124	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	166609	21.024	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	116647	19.586	ug/l	86
28) Bromochloromethane	7.818	49	92749	22.991	ug/l	89
29) Tetrahydrofuran	7.847	42	178481	88.046	ug/l #	84
30) Chloroform	7.977	83	203193	19.802	ug/l	96
31) Cyclohexane	8.265	56	166024	19.419	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	180138	20.649	ug/l	98
36) 1,1-Dichloropropene	8.377	75	152061	21.195	ug/l	95
37) Ethyl Acetate	7.565	43	116964	18.291	ug/l	95
38) Carbon Tetrachloride	8.371	117	155899	21.519	ug/l	97
39) Methylcyclohexane	9.606	83	182000	20.721	ug/l	91
40) Benzene	8.612	78	444332	20.987	ug/l	100

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41) Methacrylonitrile	7.788	41	61659	18.106	ug/l	92
42) 1,2-Dichloroethane	8.682	62	154921	20.144	ug/l	95
43) Isopropyl Acetate	8.694	43	201681	19.309	ug/l	95
44) Trichloroethene	9.359	130	115151	21.480	ug/l	96
45) 1,2-Dichloropropane	9.624	63	112703	20.870	ug/l	99
46) Dibromomethane	9.712	93	77850	20.146	ug/l	96
47) Bromodichloromethane	9.894	83	161251	21.796	ug/l	99
48) Methyl methacrylate	9.688	41	93854	18.952	ug/l	87
49) 1,4-Dioxane	9.706	88	35924	384.080	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	582721	93.857	ug/l	93
52) Toluene	10.635	92	276790	21.000	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	155114	19.799	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	175001	20.270	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	108717	20.774	ug/l	97
56) Ethyl methacrylate	10.882	69	154997	19.588	ug/l	92
57) 1,3-Dichloropropane	11.171	76	185071	20.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	300733	77.254	ug/l	92
59) 2-Hexanone	11.200	43	427291	93.046	ug/l	90
60) Dibromochloromethane	11.365	129	113500	21.008	ug/l	98
61) 1,2-Dibromoethane	11.476	107	106707	20.438	ug/l	98
64) Tetrachloroethene	11.112	164	108240	23.584	ug/l	98
65) Chlorobenzene	11.900	112	293933	20.659	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	108872	22.115	ug/l	99
67) Ethyl Benzene	11.971	91	532325	20.878	ug/l	98
68) m/p-Xylenes	12.076	106	413562	42.808	ug/l	98
69) o-Xylene	12.406	106	200495	21.103	ug/l	96
70) Styrene	12.418	104	315508	20.904	ug/l	96
71) Bromoform	12.588	173	67574	20.634	ug/l #	97
73) Isopropylbenzene	12.700	105	533854	21.649	ug/l	98
74) N-amyl acetate	12.500	43	157305	17.258	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	145672	19.202	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	124593m	17.391	ug/l	
77) Bromobenzene	12.988	156	113480	20.165	ug/l	99
78) n-propylbenzene	13.041	91	614302	21.130	ug/l	99
79) 2-Chlorotoluene	13.129	91	373283	21.517	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	450601	21.741	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	39236	17.506	ug/l	89
82) 4-Chlorotoluene	13.229	91	357357	20.704	ug/l	99
83) tert-Butylbenzene	13.447	119	389299	21.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	441266	21.648	ug/l	99
85) sec-Butylbenzene	13.623	105	553147	21.512	ug/l	100
86) p-Isopropyltoluene	13.735	119	460236	22.451	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	214071	20.569	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	211785	20.507	ug/l	99
89) n-Butylbenzene	14.065	91	386021	20.473	ug/l	99
90) Hexachloroethane	14.341	117	70976	21.076	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	213076	21.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25427	17.312	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	105070	18.493	ug/l	97
94) Hexachlorobutadiene	15.506	225	51814	21.964	ug/l	98
95) Naphthalene	15.647	128	313963	16.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105192	18.910	ug/l	98

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

