

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082428.D
 Acq On : 03 Jun 2024 12:34
 Operator : JC\MD
 Sample : VN0603WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jun 04 00:26:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	172866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	268818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119939	43.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.880%
35) Dibromofluoromethane	8.170	113	84923	46.397	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	10.570	98	297877	42.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.900%#
62) 4-Bromofluorobenzene	12.853	95	109597	43.757	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	42704	17.134	ug/l	99
3) Chloromethane	2.365	50	51634	18.281	ug/l	96
4) Vinyl Chloride	2.512	62	48577	18.294	ug/l	97
5) Bromomethane	2.953	94	30181	19.774	ug/l	96
6) Chloroethane	3.118	64	35252	20.332	ug/l	98
7) Trichlorofluoromethane	3.494	101	69154	19.888	ug/l	94
8) Diethyl Ether	3.959	74	26490	21.385	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	40581	19.979	ug/l	99
10) Methyl Iodide	4.588	142	33586	16.448	ug/l	98
11) Tert butyl alcohol	5.524	59	49925	113.942	ug/l	98
12) 1,1-Dichloroethene	4.341	96	35824	18.975	ug/l #	78
13) Acrolein	4.183	56	30433	93.728	ug/l	95
14) Allyl chloride	5.018	41	74681	18.476	ug/l #	90
15) Acrylonitrile	5.718	53	127317	112.195	ug/l	99
16) Acetone	4.430	43	124794	111.450	ug/l	89
17) Carbon Disulfide	4.712	76	91932	15.077	ug/l	97
18) Methyl Acetate	5.030	43	69957	25.087	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	149307	21.637	ug/l	95
20) Methylene Chloride	5.277	84	45928	20.330	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	39585	19.241	ug/l #	78
22) Diisopropyl ether	6.676	45	176064	20.860	ug/l #	90
23) Vinyl Acetate	6.606	43	698600	104.981	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	89831	20.649	ug/l	96
25) 2-Butanone	7.488	43	187939	110.703	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	77441	21.253	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	50487	20.794	ug/l	84
28) Bromochloromethane	7.818	49	33640	17.204	ug/l #	79
29) Tetrahydrofuran	7.841	42	118517	108.730	ug/l #	84
30) Chloroform	7.965	83	89108	21.449	ug/l	97
31) Cyclohexane	8.259	56	74282	17.039	ug/l #	84
32) 1,1,1-Trichloroethane	8.170	97	77952	21.150	ug/l	93
36) 1,1-Dichloropropene	8.370	75	57356	18.684	ug/l	98
37) Ethyl Acetate	7.559	43	75489	21.973	ug/l #	93
38) Carbon Tetrachloride	8.365	117	66175	21.265	ug/l	98
39) Methylcyclohexane	9.600	83	59944	17.814	ug/l #	84
40) Benzene	8.606	78	185664	20.282	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	43761	21.659	ug/l	#	84
42) 1,2-Dichloroethane	8.670	62	74470	21.152	ug/l		95
43) Isopropyl Acetate	8.688	43	145163	23.846	ug/l	#	87
44) Trichloroethene	9.353	130	41625	20.018	ug/l		94
45) 1,2-Dichloropropane	9.623	63	49483	20.951	ug/l		99
46) Dibromomethane	9.712	93	32539	20.984	ug/l		98
47) Bromodichloromethane	9.888	83	72261	22.074	ug/l		98
48) Methyl methacrylate	9.682	41	63293	21.820	ug/l	#	82
49) 1,4-Dioxane	9.694	88	18596	457.507	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.447	43	401091	115.966	ug/l		89
52) Toluene	10.629	92	113831	20.721	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	74321	21.952	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	78188	21.818	ug/l	#	79
55) 1,1,2-Trichloroethane	11.017	97	45065	22.574	ug/l		94
56) Ethyl methacrylate	10.876	69	75032	22.137	ug/l	#	70
57) 1,3-Dichloropropane	11.164	76	80546	21.579	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.164	63	161975	92.649	ug/l		91
59) 2-Hexanone	11.200	43	293607	115.937	ug/l		89
60) Dibromochloromethane	11.359	129	52491	23.826	ug/l		100
61) 1,2-Dibromoethane	11.470	107	44409	21.657	ug/l		99
64) Tetrachloroethene	11.106	164	39779	19.965	ug/l		93
65) Chlorobenzene	11.894	112	123064	20.723	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.964	131	45103	23.057	ug/l		99
67) Ethyl Benzene	11.964	91	214204	20.164	ug/l		95
68) m/p-Xylenes	12.070	106	158824	40.792	ug/l		92
69) o-Xylene	12.400	106	78185	20.730	ug/l		92
70) Styrene	12.411	104	131062	20.921	ug/l		95
71) Bromoform	12.582	173	34887	22.811	ug/l	#	99
73) Isopropylbenzene	12.700	105	199930	20.326	ug/l		98
74) N-amyl acetate	12.494	43	109840	20.301	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	63092	22.251	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	59945m	23.003	ug/l		
77) Bromobenzene	12.982	156	49425	21.085	ug/l		90
78) n-propylbenzene	13.035	91	234282	20.114	ug/l		96
79) 2-Chlorotoluene	13.129	91	146000	19.961	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	164096	20.632	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	23911	21.461	ug/l	#	81
82) 4-Chlorotoluene	13.223	91	147306	20.599	ug/l		92
83) tert-Butylbenzene	13.441	119	141527	20.340	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	165569	20.347	ug/l		98
85) sec-Butylbenzene	13.617	105	194571	20.174	ug/l		97
86) p-Isopropyltoluene	13.729	119	158729	20.251	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	87747	20.662	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	87983	20.299	ug/l		97
89) n-Butylbenzene	14.058	91	137127	19.464	ug/l		99
90) Hexachloroethane	14.335	117	32294	22.238	ug/l		96
91) 1,2-Dichlorobenzene	14.105	146	86713	21.571	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13647	23.426	ug/l		88
93) 1,2,4-Trichlorobenzene	15.394	180	43265	19.201	ug/l		97
94) Hexachlorobutadiene	15.505	225	19296	19.516	ug/l		97
95) Naphthalene	15.641	128	149835	21.219	ug/l		98
96) 1,2,3-Trichlorobenzene	15.841	180	45450	20.149	ug/l		96

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

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