

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072717.D
 Acq On : 08 Jun 2022 23:58
 Operator : JC\MD
 Sample : VN0608WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 05:20:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	164463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	311780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	307273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	232794	52.739	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.480%	
35) Dibromofluoromethane	8.016	113	156159	50.619	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.240%	
50) Toluene-d8	10.439	98	617692	50.184	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	12.727	95	196822	46.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	50220	18.824	ug/l	99
3) Chloromethane	2.299	50	54523	18.654	ug/l	93
4) Vinyl Chloride	2.434	62	54305	18.588	ug/l	98
5) Bromomethane	2.846	94	26493	18.497	ug/l	84
6) Chloroethane	3.004	64	37569	19.847	ug/l	95
7) Trichlorofluoromethane	3.363	101	84842	18.246	ug/l	97
8) Diethyl Ether	3.816	74	35791	18.932	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.204	101	46775	18.370	ug/l	89
10) Methyl Iodide	4.416	142	40488	17.054	ug/l	# 83
11) Tert butyl alcohol	5.369	59	101146	96.058	ug/l	100
12) 1,1-Dichloroethene	4.181	96	41861	17.640	ug/l	90
13) Acrolein	4.034	56	41288	94.941	ug/l	99
14) Allyl chloride	4.834	41	97875	17.864	ug/l	91
15) Acrylonitrile	5.551	53	213906	95.879	ug/l	99
16) Acetone	4.281	43	204060	96.477	ug/l	92
17) Carbon Disulfide	4.528	76	97872	18.051	ug/l	98
18) Methyl Acetate	4.851	43	105512	19.173	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	203729	18.980	ug/l	99
20) Methylene Chloride	5.098	84	58488	19.242	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	46709	17.875	ug/l	88
22) Diisopropyl ether	6.492	45	216162	19.467	ug/l	93
23) Vinyl Acetate	6.434	43	966456	95.063	ug/l	95
24) 1,1-Dichloroethane	6.381	63	110549	19.172	ug/l	99
25) 2-Butanone	7.328	43	324402	95.344	ug/l	# 88
26) 2,2-Dichloropropane	7.322	77	75887	14.555	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	61080	18.377	ug/l	88
28) Bromochloromethane	7.657	49	59231	21.749	ug/l	# 77
29) Tetrahydrofuran	7.681	42	204661	97.345	ug/l	89
30) Chloroform	7.810	83	114487	19.047	ug/l	98
31) Cyclohexane	8.086	56	90522	18.928	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	100866	18.989	ug/l	96
36) 1,1-Dichloropropene	8.222	75	76805	17.936	ug/l	95
37) Ethyl Acetate	7.410	43	123240	18.524	ug/l	95
38) Carbon Tetrachloride	8.204	117	83696	18.290	ug/l	97
39) Methylcyclohexane	9.457	83	87447	17.598	ug/l	94
40) Benzene	8.457	78	236776	18.221	ug/l	99

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41) Methacrylonitrile	7.634	41	38543m	17.187	ug/l	
42) 1,2-Dichloroethane	8.528	62	99802	18.524	ug/l	96
43) Isopropyl Acetate	8.557	43	192174	18.548	ug/l #	93
44) Trichloroethene	9.216	130	55046	18.195	ug/l	85
45) 1,2-Dichloropropane	9.486	63	65369	18.616	ug/l	96
46) Dibromomethane	9.575	93	45045	18.350	ug/l #	83
47) Bromodichloromethane	9.757	83	93365	18.502	ug/l	99
48) Methyl methacrylate	9.557	41	89360	18.229	ug/l	85
49) 1,4-Dioxane	9.569	88	33048	368.812	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	632577	93.749	ug/l	90
52) Toluene	10.504	92	146858	18.101	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	93231	16.632	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	100257	17.310	ug/l #	82
55) 1,1,2-Trichloroethane	10.898	97	63276	18.072	ug/l	97
56) Ethyl methacrylate	10.757	69	109480	17.680	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	113530	18.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	228012	92.390	ug/l	92
59) 2-Hexanone	11.080	43	453441	91.388	ug/l	89
60) Dibromochloromethane	11.233	129	65534	18.033	ug/l	99
61) 1,2-Dibromoethane	11.345	107	64447	17.960	ug/l	96
64) Tetrachloroethene	10.974	164	49486	19.129	ug/l #	89
65) Chlorobenzene	11.769	112	148992	18.196	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	59648	18.313	ug/l	99
67) Ethyl Benzene	11.839	91	279685	18.166	ug/l	98
68) m/p-Xylenes	11.951	106	197013	36.009	ug/l	88
69) o-Xylene	12.274	106	102649	18.664	ug/l	93
70) Styrene	12.292	104	156374	18.090	ug/l	94
71) Bromoform	12.451	173	42176	18.410	ug/l #	98
73) Isopropylbenzene	12.574	105	266221	18.504	ug/l	98
74) N-amyl acetate	12.386	43	121801	18.215	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.821	83	95034	19.028	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	81209m	18.762	ug/l	
77) Bromobenzene	12.857	156	52640	18.560	ug/l	70
78) n-propylbenzene	12.916	91	295829	18.832	ug/l	95
79) 2-Chlorotoluene	13.004	91	184010	18.672	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	213941	18.767	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	26720	16.145	ug/l	89
82) 4-Chlorotoluene	13.104	91	165396	18.172	ug/l	95
83) tert-Butylbenzene	13.321	119	188172	18.794	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	206465	18.928	ug/l	93
85) sec-Butylbenzene	13.498	105	251734	18.633	ug/l	97
86) p-Isopropyltoluene	13.610	119	194229	18.276	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	88531	18.378	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	86050	18.233	ug/l	95
89) n-Butylbenzene	13.939	91	153515	17.145	ug/l	97
90) Hexachloroethane	14.210	117	41242	17.929	ug/l	74
91) 1,2-Dichlorobenzene	13.986	146	88394	18.721	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21733	18.015	ug/l	71
93) 1,2,4-Trichlorobenzene	15.257	180	39793	17.519	ug/l	95
94) Hexachlorobutadiene	15.368	225	18993	18.666	ug/l	97
95) Naphthalene	15.504	128	162255	18.411	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	41260	18.242	ug/l	95

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

