

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072749.D
 Acq On : 09 Jun 2022 23:35
 Operator : JC\MD
 Sample : VN0609WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 10 01:48:30 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	8.086	168	151531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	285589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	287443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	126954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	216369	53.201	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.400%	
35) Dibromofluoromethane	8.022	113	141630	50.119	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.240%	
50) Toluene-d8	10.439	98	565196	50.130	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.727	95	188255	48.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	48809	19.856	ug/l	97
3) Chloromethane	2.293	50	53490	19.880	ug/l	99
4) Vinyl Chloride	2.434	62	54066	20.086	ug/l	91
5) Bromomethane	2.840	94	28520	21.967	ug/l	96
6) Chloroethane	3.004	64	37522	21.572	ug/l	97
7) Trichlorofluoromethane	3.363	101	85973	20.067	ug/l	99
8) Diethyl Ether	3.816	74	32927	18.903	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.198	101	46124	19.661	ug/l	88
10) Methyl Iodide	4.416	142	41325	18.892	ug/l	# 84
11) Tert butyl alcohol	5.369	59	87058	89.734	ug/l	100
12) 1,1-Dichloroethene	4.175	96	42038	19.226	ug/l	87
13) Acrolein	4.034	56	39065	97.495	ug/l	93
14) Allyl chloride	4.834	41	94606	18.741	ug/l	# 90
15) Acrylonitrile	5.551	53	203966	99.226	ug/l	97
16) Acetone	4.281	43	195176	100.152	ug/l	92
17) Carbon Disulfide	4.528	76	92044	18.419	ug/l	96
18) Methyl Acetate	4.851	43	102403	20.196	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	203502	20.577	ug/l	97
20) Methylene Chloride	5.098	84	58050	20.745	ug/l	91
21) trans-1,2-Dichloroethene	5.592	96	46013	19.112	ug/l	91
22) Diisopropyl ether	6.492	45	212417	20.762	ug/l	94
23) Vinyl Acetate	6.428	43	947553	101.158	ug/l	# 93
24) 1,1-Dichloroethane	6.381	63	108715	20.463	ug/l	99
25) 2-Butanone	7.328	43	310160	98.938	ug/l	# 88
26) 2,2-Dichloropropane	7.316	77	70167	14.607	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	61303	20.019	ug/l	91
28) Bromochloromethane	7.657	49	57434	22.889	ug/l	# 74
29) Tetrahydrofuran	7.681	42	195961	101.161	ug/l	88
30) Chloroform	7.816	83	114563	20.686	ug/l	99
31) Cyclohexane	8.092	56	90074	20.500	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	99560	20.343	ug/l	96
36) 1,1-Dichloropropene	8.222	75	75506	19.250	ug/l	94
37) Ethyl Acetate	7.410	43	126406	20.743	ug/l	# 94
38) Carbon Tetrachloride	8.204	117	78672	18.768	ug/l	94
39) Methylcyclohexane	9.457	83	85248	18.729	ug/l	94
40) Benzene	8.457	78	232744	19.553	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	47126m	22.941	ug/l	
42) 1,2-Dichloroethane	8.528	62	99869	20.236	ug/l	94
43) Isopropyl Acetate	8.557	43	187310	19.736	ug/l #	93
44) Trichloroethene	9.216	130	53647	19.359	ug/l	85
45) 1,2-Dichloropropane	9.486	63	66394	20.642	ug/l	98
46) Dibromomethane	9.575	93	44685	19.873	ug/l #	80
47) Bromodichloromethane	9.763	83	92584	20.030	ug/l	100
48) Methyl methacrylate	9.557	41	89585	19.951	ug/l	82
49) 1,4-Dioxane	9.563	88	30556	372.274	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	627481	101.522	ug/l	90
52) Toluene	10.504	92	147194	19.806	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	95026	18.507	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	98101	18.491	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	61159	19.070	ug/l	95
56) Ethyl methacrylate	10.757	69	110128	19.415	ug/l #	80
57) 1,3-Dichloropropane	11.039	76	115138	20.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	228527	101.090	ug/l	93
59) 2-Hexanone	11.080	43	464111	102.117	ug/l	88
60) Dibromochloromethane	11.233	129	63079	18.950	ug/l	96
61) 1,2-Dibromoethane	11.345	107	63537	19.331	ug/l	98
64) Tetrachloroethene	10.974	164	47043	19.439	ug/l	90
65) Chlorobenzene	11.769	112	151626	19.796	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	59993	19.690	ug/l	98
67) Ethyl Benzene	11.845	91	286369	19.884	ug/l	97
68) m/p-Xylenes	11.951	106	203534	39.767	ug/l	89
69) o-Xylene	12.274	106	105690	20.543	ug/l	92
70) Styrene	12.292	104	162548	20.102	ug/l	95
71) Bromoform	12.451	173	41083	19.170	ug/l #	98
73) Isopropylbenzene	12.574	105	266799	19.592	ug/l	97
74) N-amyl acetate	12.386	43	133493	21.092	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	95328	20.166	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	79873m	19.497	ug/l	
77) Bromobenzene	12.857	156	53886	20.073	ug/l	72
78) n-propylbenzene	12.916	91	297052	19.979	ug/l	95
79) 2-Chlorotoluene	13.004	91	187826	20.137	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	218393	20.240	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	26284	16.779	ug/l #	85
82) 4-Chlorotoluene	13.104	91	167857	19.485	ug/l	94
83) tert-Butylbenzene	13.321	119	194557	20.530	ug/l	90
84) 1,2,4-Trimethylbenzene	13.363	105	211069	20.444	ug/l	97
85) sec-Butylbenzene	13.498	105	258308	20.200	ug/l	97
86) p-Isopropyltoluene	13.610	119	199505	19.833	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	89166	19.556	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	88436	19.798	ug/l	94
89) n-Butylbenzene	13.939	91	158084	18.653	ug/l	96
90) Hexachloroethane	14.210	117	41751	19.177	ug/l	73
91) 1,2-Dichlorobenzene	13.986	146	91631	20.503	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21616	18.930	ug/l	74
93) 1,2,4-Trichlorobenzene	15.262	180	38762	18.030	ug/l	93
94) Hexachlorobutadiene	15.362	225	18189	18.886	ug/l	99
95) Naphthalene	15.504	128	171034	20.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	43216	20.186	ug/l	95

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

