

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072308.D
 Acq On : 03 May 2022 16:44
 Operator : JC\MD
 Sample : VN0503WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 05:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	181485	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	303213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	271538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	110681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	134940	48.432	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.860%		
35) Dibromofluoromethane	8.016	113	95155	49.030	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.060%		
50) Toluene-d8	10.439	98	371406	48.703	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.400%		
62) 4-Bromofluorobenzene	12.727	95	121114	47.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	36332	17.752	ug/l	91
3) Chloromethane	2.299	50	43006	18.328	ug/l	98
4) Vinyl Chloride	2.440	62	34488	16.881	ug/l	99
5) Bromomethane	2.846	94	20982	20.115	ug/l	91
6) Chloroethane	3.016	64	21836	17.843	ug/l	98
7) Trichlorofluoromethane	3.375	101	59801	16.754	ug/l	99
8) Diethyl Ether	3.828	74	22939	17.749	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.216	101	36473	19.454	ug/l	93
10) Methyl Iodide	4.422	142	37162	16.329	ug/l #	87
11) Tert butyl alcohol	5.357	59	40842	89.200	ug/l #	85
12) 1,1-Dichloroethene	4.187	96	29780	17.181	ug/l	85
13) Acrolein	4.040	56	35144	76.271	ug/l	93
14) Allyl chloride	4.846	41	65229	18.125	ug/l #	93
15) Acrylonitrile	5.551	53	126606	91.631	ug/l	99
16) Acetone	4.287	43	112821	93.920	ug/l	95
17) Carbon Disulfide	4.534	76	64070	15.959	ug/l	98
18) Methyl Acetate	4.851	43	65248	19.405	ug/l #	88
19) Methyl tert-butyl Ether	5.610	73	124014	18.252	ug/l	96
20) Methylene Chloride	5.104	84	39204	17.026	ug/l #	83
21) trans-1,2-Dichloroethene	5.598	96	31142	16.293	ug/l	89
22) Diisopropyl ether	6.493	45	143034	19.295	ug/l	96
23) Vinyl Acetate	6.434	43	608557	97.747	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	75049	18.099	ug/l	96
25) 2-Butanone	7.328	43	176996	92.520	ug/l	90
26) 2,2-Dichloropropane	7.322	77	61868	19.101	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	41171	17.669	ug/l	88
28) Bromochloromethane	7.657	49	37342	20.112	ug/l #	78
29) Tetrahydrofuran	7.681	42	117929	93.931	ug/l #	86
30) Chloroform	7.810	83	75062	18.029	ug/l	94
31) Cyclohexane	8.092	56	64914	17.437	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	62904	17.755	ug/l	97
36) 1,1-Dichloropropene	8.222	75	50941	18.033	ug/l	95
37) Ethyl Acetate	7.410	43	75730	20.187	ug/l #	95
38) Carbon Tetrachloride	8.204	117	52541	17.366	ug/l	99
39) Methylcyclohexane	9.457	83	55332	17.513	ug/l	93
40) Benzene	8.457	78	159410	18.193	ug/l	98

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41) Methacrylonitrile	7.634	41	37733	19.882	ug/l #	82
42) 1,2-Dichloroethane	8.528	62	63907	19.051	ug/l	95
43) Isopropyl Acetate	8.557	43	109256	19.053	ug/l #	94
44) Trichloroethene	9.210	130	35444	17.389	ug/l	79
45) 1,2-Dichloropropane	9.486	63	43421	18.339	ug/l	95
46) Dibromomethane	9.575	93	27299	18.405	ug/l	92
47) Bromodichloromethane	9.757	83	59971	19.270	ug/l	99
48) Methyl methacrylate	9.551	41	49825	20.106	ug/l	88
49) 1,4-Dioxane	9.563	88	13623	312.957	ug/l #	87
51) 4-Methyl-2-Pentanone	10.328	43	357472	100.991	ug/l	91
52) Toluene	10.504	92	94772	18.092	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	58154	18.589	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	65278	19.294	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	41394	18.847	ug/l	92
56) Ethyl methacrylate	10.757	69	62865	17.936	ug/l	87
57) 1,3-Dichloropropane	11.039	76	72395	18.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	79043	88.696	ug/l	92
59) 2-Hexanone	11.081	43	246865	98.989	ug/l	90
60) Dibromochloromethane	11.233	129	41104	18.302	ug/l	99
61) 1,2-Dibromoethane	11.339	107	39436	18.257	ug/l	97
64) Tetrachloroethene	10.975	164	29748	18.200	ug/l	96
65) Chlorobenzene	11.769	112	100389	18.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	39086	18.906	ug/l	95
67) Ethyl Benzene	11.839	91	178694	18.676	ug/l	99
68) m/p-Xylenes	11.951	106	133337	37.528	ug/l	93
69) o-Xylene	12.275	106	66033	19.171	ug/l	96
70) Styrene	12.292	104	105091	19.370	ug/l	98
71) Bromoform	12.451	173	28379	18.457	ug/l #	98
73) Isopropylbenzene	12.575	105	175046	17.907	ug/l	96
74) N-amyl acetate	12.386	43	67470	18.423	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.822	83	63299	18.506	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	48411m	19.017	ug/l	
77) Bromobenzene	12.857	156	37902	16.396	ug/l	81
78) n-propylbenzene	12.916	91	188832	17.535	ug/l	97
79) 2-Chlorotoluene	13.004	91	121668	17.201	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	141094	17.331	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	16723	17.470	ug/l	93
82) 4-Chlorotoluene	13.098	91	112699	17.116	ug/l	97
83) tert-Butylbenzene	13.322	119	123814	17.322	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	135441	17.195	ug/l	99
85) sec-Butylbenzene	13.498	105	167960	18.024	ug/l	97
86) p-Isopropyltoluene	13.610	119	132678	18.262	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	65047	17.385	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	66392	18.247	ug/l	97
89) n-Butylbenzene	13.939	91	101959	18.322	ug/l	98
90) Hexachloroethane	14.210	117	25778	16.345	ug/l	82
91) 1,2-Dichlorobenzene	13.986	146	67475	18.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	10597	15.674	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	25792	16.817	ug/l	99
94) Hexachlorobutadiene	15.363	225	16907	17.109	ug/l	98
95) Naphthalene	15.504	128	72139	15.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	26557	17.468	ug/l	97

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

