

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073335.D
 Acq On : 06 Jul 2022 10:45
 Operator : JC\MD
 Sample : VN0706WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:20:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	223452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	386813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	347300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	159629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	164158	50.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.780%			
35) Dibromofluoromethane	7.951	113	129597	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.720%			
50) Toluene-d8	10.374	98	455630	49.849	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.668	95	180165	51.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	71035	21.744	ug/l	99
3) Chloromethane	2.269	50	61920	19.523	ug/l	99
4) Vinyl Chloride	2.404	62	53503	19.854	ug/l	100
5) Bromomethane	2.799	94	24125	18.954	ug/l	81
6) Chloroethane	2.963	64	33710	21.265	ug/l	92
7) Trichlorofluoromethane	3.316	101	98356	21.111	ug/l	97
8) Diethyl Ether	3.769	74	39745	20.956	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.145	101	56984	20.700	ug/l	98
10) Methyl Iodide	4.357	142	51129	16.603	ug/l	94
11) Tert butyl alcohol	5.281	59	83668	107.071	ug/l	99
12) 1,1-Dichloroethene	4.110	96	53315	20.268	ug/l	98
13) Acrolein	3.981	56	38572	78.094	ug/l	94
14) Allyl chloride	4.763	41	114233	20.614	ug/l #	93
15) Acrylonitrile	5.475	53	223883	111.296	ug/l	99
16) Acetone	4.222	43	199169	109.997	ug/l	94
17) Carbon Disulfide	4.457	76	132814	19.472	ug/l	97
18) Methyl Acetate	4.775	43	117057	23.069	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	204839	21.366	ug/l	95
20) Methylene Chloride	5.016	84	65125	20.466	ug/l	86
21) trans-1,2-Dichloroethene	5.510	96	57165	20.798	ug/l	93
22) Diisopropyl ether	6.410	45	227681	22.019	ug/l	94
23) Vinyl Acetate	6.351	43	1008624	108.945	ug/l	94
24) 1,1-Dichloroethane	6.304	63	118026	22.056	ug/l	99
25) 2-Butanone	7.257	43	325031	112.748	ug/l	91
26) 2,2-Dichloropropane	7.245	77	99915	20.189	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	67081	20.154	ug/l	92
28) Bromochloromethane	7.581	49	51279	22.881	ug/l	83
29) Tetrahydrofuran	7.610	42	219821	111.363	ug/l	86
30) Chloroform	7.745	83	113742	21.104	ug/l	99
31) Cyclohexane	8.022	56	107605	20.368	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	103379	21.524	ug/l	99
36) 1,1-Dichloropropene	8.145	75	81848	20.669	ug/l	98
37) Ethyl Acetate	7.334	43	128894	21.542	ug/l	96
38) Carbon Tetrachloride	8.133	117	84772	20.701	ug/l	97
39) Methylcyclohexane	9.392	83	101676	20.624	ug/l	94
40) Benzene	8.386	78	255261	20.887	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	66206	22.816	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	94083	21.238	ug/l	98
43) Isopropyl Acetate	8.492	43	189283	22.012	ug/l #	93
44) Trichloroethene	9.151	130	64738	20.816	ug/l	93
45) 1,2-Dichloropropane	9.427	63	67396	21.637	ug/l	99
46) Dibromomethane	9.510	93	43724	20.674	ug/l	93
47) Bromodichloromethane	9.698	83	88232	21.540	ug/l	98
48) Methyl methacrylate	9.492	41	81758	20.535	ug/l	91
49) 1,4-Dioxane	9.498	88	33466	442.772	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	625019	114.617	ug/l	90
52) Toluene	10.439	92	158177	20.944	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	96163	21.325	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	104000	21.363	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	65089	20.934	ug/l	97
56) Ethyl methacrylate	10.698	69	107469	21.385	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	112860	21.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	238665	106.486	ug/l	95
59) 2-Hexanone	11.022	43	480294	115.546	ug/l	87
60) Dibromochloromethane	11.180	129	63777	21.514	ug/l	100
61) 1,2-Dibromoethane	11.286	107	65295	21.025	ug/l	95
64) Tetrachloroethene	10.910	164	55759	19.661	ug/l	93
65) Chlorobenzene	11.710	112	161068	20.506	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	61271	21.208	ug/l	98
67) Ethyl Benzene	11.780	91	302500	21.213	ug/l	98
68) m/p-Xylenes	11.892	106	225521	41.905	ug/l	96
69) o-Xylene	12.216	106	114079	20.765	ug/l	99
70) Styrene	12.233	104	182592	21.527	ug/l	98
71) Bromoform	12.398	173	46218	21.863	ug/l #	97
73) Isopropylbenzene	12.516	105	293678	21.305	ug/l	99
74) N-amyl acetate	12.327	43	145409	21.067	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	100984	22.077	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	86870m	20.812	ug/l	
77) Bromobenzene	12.798	156	65984	20.588	ug/l	86
78) n-propylbenzene	12.857	91	335678	21.920	ug/l	98
79) 2-Chlorotoluene	12.945	91	205993	21.254	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	242781	21.608	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	31573	20.745	ug/l	89
82) 4-Chlorotoluene	13.045	91	196040	20.893	ug/l	97
83) tert-Butylbenzene	13.263	119	212017	21.048	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	240129	21.406	ug/l	100
85) sec-Butylbenzene	13.439	105	293756	21.718	ug/l	99
86) p-Isopropyltoluene	13.557	119	238772	21.853	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	121690	21.165	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	119223	20.696	ug/l	98
89) n-Butylbenzene	13.880	91	197613	21.704	ug/l	97
90) Hexachloroethane	14.151	117	42528	20.885	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	122971	20.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24816	22.321	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	62347	20.444	ug/l	97
94) Hexachlorobutadiene	15.298	225	28492	21.017	ug/l	98
95) Naphthalene	15.433	128	236827	19.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	64855	20.616	ug/l	97

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

