

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074773.D
 Acq On : 06 Oct 2022 10:52
 Operator : JC\MD
 Sample : VN1006WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 16:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	322882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	597610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	638155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	378641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	375492	49.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.160%		
35) Dibromofluoromethane	8.177	113	302065	50.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.060%		
50) Toluene-d8	10.571	98	1253975	48.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.847	95	375907	47.730	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	128135	19.351	ug/l	94
3) Chloromethane	2.383	50	184211	18.706	ug/l	94
4) Vinyl Chloride	2.530	62	249987	20.503	ug/l	92
5) Bromomethane	2.947	94	182770	21.258	ug/l	98
6) Chloroethane	3.118	64	212325	23.536	ug/l	93
7) Trichlorofluoromethane	3.506	101	186709	19.430	ug/l	99
8) Diethyl Ether	3.989	74	91464	18.246	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	117107	19.893	ug/l	97
10) Methyl Iodide	4.600	142	136626	19.193	ug/l #	95
11) Tert butyl alcohol	5.553	59	235606	91.951	ug/l	100
12) 1,1-Dichloroethene	4.353	96	116970	18.666	ug/l	99
13) Acrolein	4.206	56	76478	117.046	ug/l	95
14) Allyl chloride	5.041	41	217424	16.882	ug/l	87
15) Acrylonitrile	5.741	53	526646	94.236	ug/l	99
16) Acetone	4.459	43	450066	103.809	ug/l	92
17) Carbon Disulfide	4.730	76	309232	18.058	ug/l	100
18) Methyl Acetate	5.053	43	313075	19.504	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	450324	18.472	ug/l	97
20) Methylene Chloride	5.300	84	146040	19.832	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	126515	18.874	ug/l	83
22) Diisopropyl ether	6.688	45	534957	19.557	ug/l	95
23) Vinyl Acetate	6.624	43	2291157	101.968	ug/l	98
24) 1,1-Dichloroethane	6.583	63	264577	18.760	ug/l	98
25) 2-Butanone	7.494	43	756485	96.143	ug/l	94
26) 2,2-Dichloropropane	7.500	77	222449	19.124	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	148642	18.628	ug/l	96
28) Bromochloromethane	7.830	49	146043	22.951	ug/l	95
29) Tetrahydrofuran	7.853	42	520182	94.857	ug/l	99
30) Chloroform	7.977	83	255700	19.795	ug/l	98
31) Cyclohexane	8.265	56	258346	19.538	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	216888	19.698	ug/l	96
36) 1,1-Dichloropropene	8.382	75	191438	19.588	ug/l	95
37) Ethyl Acetate	7.494	43	756485	19.298	ug/l #	51
38) Carbon Tetrachloride	8.371	117	182701	19.824	ug/l	96
39) Methylcyclohexane	9.606	83	243559	19.238	ug/l	91
40) Benzene	8.612	78	612479	19.359	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	145937	18.898	ug/l	94
42) 1,2-Dichloroethane	8.682	62	196163	19.752	ug/l	100
43) Isopropyl Acetate	8.694	43	473405	19.542	ug/l	99
44) Trichloroethene	9.359	130	130294	19.773	ug/l	96
45) 1,2-Dichloropropane	9.624	63	170963	19.957	ug/l	98
46) Dibromomethane	9.712	93	103635	20.616	ug/l	98
47) Bromodichloromethane	9.888	83	206251	20.082	ug/l	96
48) Methyl methacrylate	9.612	41	206481	20.761	ug/l #	98
49) 1,4-Dioxane	9.700	88	84961	394.145	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	1533883	98.327	ug/l	99
52) Toluene	10.635	92	383052	20.154	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	247375	20.215	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	249831	18.910	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	155490	20.346	ug/l	97
56) Ethyl methacrylate	10.876	69	269255	19.345	ug/l	100
57) 1,3-Dichloropropane	11.170	76	273734	19.873	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	516154	102.813	ug/l	98
59) 2-Hexanone	11.200	43	1162243	98.498	ug/l	99
60) Dibromochloromethane	11.359	129	148269	19.695	ug/l	97
61) 1,2-Dibromoethane	11.470	107	149947	19.296	ug/l	98
64) Tetrachloroethene	11.106	164	95601	18.454	ug/l	99
65) Chlorobenzene	11.894	112	386917	19.791	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	135299	18.954	ug/l	97
67) Ethyl Benzene	11.965	91	714019	19.594	ug/l	98
68) m/p-Xylenes	12.070	106	529725	38.725	ug/l	99
69) o-Xylene	12.400	106	268084	19.102	ug/l	94
70) Styrene	12.412	104	443660	20.053	ug/l	99
71) Bromoform	12.576	173	104522	19.195	ug/l #	100
73) Isopropylbenzene	12.700	105	698026	19.158	ug/l	100
74) N-amyl acetate	12.494	43	412356	18.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	268140	20.823	ug/l	95
76) 1,2,3-Trichloropropane	13.000	75	235662m	20.852	ug/l	
77) Bromobenzene	12.982	156	138739	19.692	ug/l	97
78) n-propylbenzene	13.041	91	811882	19.341	ug/l	99
79) 2-Chlorotoluene	13.129	91	470913	18.500	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	577633	19.878	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	98845	17.041	ug/l	91
82) 4-Chlorotoluene	13.223	91	455581	19.311	ug/l	99
83) tert-Butylbenzene	13.441	119	502099	19.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	563435	19.175	ug/l	97
85) sec-Butylbenzene	13.617	105	728379	19.960	ug/l	100
86) p-Isopropyltoluene	13.729	119	564021	20.029	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	277486	19.203	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	268705	19.687	ug/l	99
89) n-Butylbenzene	14.059	91	491044	19.783	ug/l	98
90) Hexachloroethane	14.335	117	117561	18.671	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	273843	19.678	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	57538	19.052	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	113346	18.620	ug/l	98
94) Hexachlorobutadiene	15.506	225	56091	19.698	ug/l	97
95) Naphthalene	15.641	128	507753	19.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	118418	19.115	ug/l	96

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

