

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030322\
 Data File : VN071147.D
 Acq On : 03 Mar 2022 12:34
 Operator : JC\MD
 Sample : VN0303WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

Quant Time: Mar 04 01:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	681730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1074118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	942435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	358533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	416197	53.444	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.880%			
35) Dibromofluoromethane	8.016	113	320088	50.101	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.200%			
50) Toluene-d8	10.439	98	1255150	48.920	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.840%			
62) 4-Bromofluorobenzene	12.727	95	396696	43.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	107296	15.153	ug/l	99
3) Chloromethane	2.305	50	151237	16.993	ug/l	100
4) Vinyl Chloride	2.446	62	139584	15.667	ug/l	97
5) Bromomethane	2.852	94	82469	16.295	ug/l	99
6) Chloroethane	3.016	64	89483	15.309	ug/l	95
7) Trichlorofluoromethane	3.375	101	194088	17.383	ug/l	99
8) Diethyl Ether	3.828	74	82419	16.981	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.216	101	116451	17.000	ug/l	93
10) Methyl Iodide	4.422	142	148151	15.616	ug/l	98
11) Tert butyl alcohol	5.363	59	146261	103.057	ug/l	98
12) 1,1-Dichloroethene	4.187	96	106988	16.030	ug/l	95
13) Acrolein	4.046	56	86354	68.092	ug/l	98
14) Allyl chloride	4.846	41	235216	18.479	ug/l #	86
15) Acrylonitrile	5.551	53	454087	108.623	ug/l	98
16) Acetone	4.287	43	377158	87.941	ug/l	99
17) Carbon Disulfide	4.540	76	249589	13.041	ug/l	100
18) Methyl Acetate	4.857	43	212057	22.247	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	447019	19.094	ug/l	96
20) Methylene Chloride	5.098	84	143794	18.448	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	114099	15.928	ug/l	88
22) Diisopropyl ether	6.493	45	512682	21.001	ug/l	94
23) Vinyl Acetate	6.434	43	2129572	103.049	ug/l	99
24) 1,1-Dichloroethane	6.381	63	258440	18.885	ug/l	98
25) 2-Butanone	7.334	43	609424	106.817	ug/l	96
26) 2,2-Dichloropropane	7.322	77	206658	18.170	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	148264	18.008	ug/l	92
28) Bromochloromethane	7.657	49	122168	22.056	ug/l	82
29) Tetrahydrofuran	7.681	42	423351	114.543	ug/l	91
30) Chloroform	7.816	83	251458	18.682	ug/l	99
31) Cyclohexane	8.092	56	238100	17.679	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	213086	18.332	ug/l	98
36) 1,1-Dichloropropene	8.222	75	177738	16.981	ug/l	96
37) Ethyl Acetate	7.410	43	259071	23.079	ug/l	98
38) Carbon Tetrachloride	8.204	117	179282	17.384	ug/l	99
39) Methylcyclohexane	9.457	83	206804	15.355	ug/l	88
40) Benzene	8.457	78	566572	18.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	111435	18.848	ug/l	97
42) 1,2-Dichloroethane	8.528	62	203704	19.318	ug/l	98
43) Isopropyl Acetate	8.557	43	383155	21.654	ug/l	96
44) Trichloroethene	9.210	130	134893	16.545	ug/l	97
45) 1,2-Dichloropropane	9.486	63	154825	19.522	ug/l	97
46) Dibromomethane	9.575	93	94193	18.047	ug/l	99
47) Bromodichloromethane	9.757	83	193642	18.357	ug/l	98
48) Methyl methacrylate	9.557	41	161397	19.271	ug/l #	91
49) 1,4-Dioxane	9.569	88	60961	409.813	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1218909	113.224	ug/l	99
52) Toluene	10.504	92	351233	18.053	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	203309	17.725	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	230561	18.304	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	143934	18.900	ug/l	98
56) Ethyl methacrylate	10.757	69	226946	19.779	ug/l	91
57) 1,3-Dichloropropane	11.039	76	257324	19.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	156337	85.263	ug/l	95
59) 2-Hexanone	11.080	43	828196	111.858	ug/l	99
60) Dibromochloromethane	11.233	129	143490	17.829	ug/l	100
61) 1,2-Dibromoethane	11.339	107	142183	18.356	ug/l	99
64) Tetrachloroethene	10.975	164	117303	15.982	ug/l	97
65) Chlorobenzene	11.763	112	360840	17.768	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	137606	18.589	ug/l	99
67) Ethyl Benzene	11.839	91	641619	18.052	ug/l	99
68) m/p-Xylenes	11.951	106	484454	35.286	ug/l	100
69) o-Xylene	12.275	106	242989	18.118	ug/l	99
70) Styrene	12.292	104	367777	17.246	ug/l	97
71) Bromoform	12.451	173	101860	17.277	ug/l #	97
73) Isopropylbenzene	12.575	105	621450	21.534	ug/l	100
74) N-amyl acetate	12.386	43	209900	22.754	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	216330	23.590	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	164698m	19.510	ug/l	
77) Bromobenzene	12.857	156	140768	19.926	ug/l	83
78) n-propylbenzene	12.916	91	659039	20.325	ug/l	98
79) 2-Chlorotoluene	13.004	91	417989	21.228	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	500308	21.399	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	55099	21.150	ug/l	94
82) 4-Chlorotoluene	13.098	91	382430	20.008	ug/l	94
83) tert-Butylbenzene	13.322	119	439550	19.824	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	480922	20.896	ug/l	99
85) sec-Butylbenzene	13.498	105	586264	20.066	ug/l	99
86) p-Isopropyltoluene	13.610	119	455488	18.991	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	225440	18.027	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	217710	17.768	ug/l	97
89) n-Butylbenzene	13.939	91	325627	16.641	ug/l	95
90) Hexachloroethane	14.204	117	89168	20.817	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	227997	19.415	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33584	22.603	ug/l	86
93) 1,2,4-Trichlorobenzene	15.263	180	89488	15.014	ug/l	97
94) Hexachlorobutadiene	15.363	225	66023	15.417	ug/l	98
95) Naphthalene	15.504	128	188832	15.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	82682	15.420	ug/l	99

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

