

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070621.D
 Acq On : 14 Jan 2022 14:12
 Operator : JC/MD
 Sample : VN0114WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:36:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	887746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1450130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1346196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	542830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	593087	46.465	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.940%		
35) Dibromofluoromethane	8.021	113	435135	49.594	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.180%		
50) Toluene-d8	10.443	98	1736554	48.449	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.900%		
62) 4-Bromofluorobenzene	12.731	95	635530	49.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	151279	15.026	ug/l	99
3) Chloromethane	2.303	50	221842	16.199	ug/l	98
4) Vinyl Chloride	2.445	62	196284	15.742	ug/l	99
5) Bromomethane	2.845	94	111333	17.300	ug/l	96
6) Chloroethane	3.014	64	132995	17.712	ug/l	96
7) Trichlorofluoromethane	3.373	101	262709	17.505	ug/l	97
8) Diethyl Ether	3.821	74	131414	19.864	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	160334	17.467	ug/l	96
10) Methyl Iodide	4.417	142	201039	16.184	ug/l	98
11) Tert butyl alcohol	5.387	59	245913	115.708	ug/l	98
12) 1,1-Dichloroethene	4.175	96	152517	16.869	ug/l	93
13) Acrolein	4.038	56	120526	69.893	ug/l	100
14) Allyl chloride	4.838	41	372682	18.181	ug/l #	83
15) Acrylonitrile	5.556	53	734520	110.753	ug/l	99
16) Acetone	4.291	43	772638	93.248	ug/l	99
17) Carbon Disulfide	4.524	76	348677	14.128	ug/l	98
18) Methyl Acetate	4.856	43	509289	21.248	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	646745	19.262	ug/l	92
20) Methylene Chloride	5.098	84	205665	17.940	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	163332	17.062	ug/l #	83
22) Diisopropyl ether	6.498	45	795453	19.923	ug/l	90
23) Vinyl Acetate	6.436	43	3020571	97.508	ug/l	94
24) 1,1-Dichloroethane	6.385	63	382600	18.481	ug/l	97
25) 2-Butanone	7.340	43	1109017	106.300	ug/l	91
26) 2,2-Dichloropropane	7.324	77	279565	17.118	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	206528	18.081	ug/l	87
28) Bromochloromethane	7.656	49	206096	20.356	ug/l #	75
29) Tetrahydrofuran	7.689	42	710479	114.139	ug/l	87
30) Chloroform	7.817	83	502248	25.147	ug/l	99
31) Cyclohexane	8.094	56	357020	17.725	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	291704	17.322	ug/l	97
36) 1,1-Dichloropropene	8.220	75	258666	17.821	ug/l	96
37) Ethyl Acetate	7.415	43	409896	21.787	ug/l	97
38) Carbon Tetrachloride	8.206	117	230864	16.657	ug/l	97
39) Methylcyclohexane	9.459	83	298745	17.001	ug/l	89
40) Benzene	8.461	78	835949	18.786	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	217361	23.098	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	297949	17.814	ug/l	100
43) Isopropyl Acetate	8.563	43	603509	20.346	ug/l #	95
44) Trichloroethene	9.215	130	185481	17.543	ug/l	92
45) 1,2-Dichloropropane	9.491	63	234850	19.602	ug/l	99
46) Dibromomethane	9.577	93	137541	18.462	ug/l	95
47) Bromodichloromethane	9.762	83	282609	19.104	ug/l	99
48) Methyl methacrylate	9.561	41	274961	19.434	ug/l #	84
49) 1,4-Dioxane	9.571	88	102055	492.755	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2116379	113.548	ug/l	97
52) Toluene	10.505	92	511159	18.978	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	295467	18.450	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	325599	18.795	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	209374	19.647	ug/l	97
56) Ethyl methacrylate	10.762	69	354924	20.156	ug/l	88
57) 1,3-Dichloropropane	11.044	76	368057	19.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	566527	135.142	ug/l	90
59) 2-Hexanone	11.087	43	1554150	114.341	ug/l	96
60) Dibromochloromethane	11.240	129	187614	18.044	ug/l	99
61) 1,2-Dibromoethane	11.347	107	205450	18.987	ug/l	100
64) Tetrachloroethene	10.977	164	163318	16.753	ug/l	94
65) Chlorobenzene	11.771	112	531011	18.591	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	184743	18.117	ug/l	100
67) Ethyl Benzene	11.846	91	981682	18.758	ug/l	95
68) m/p-Xylenes	11.953	106	710599	37.302	ug/l	92
69) o-Xylene	12.280	106	353419	18.652	ug/l	91
70) Styrene	12.294	104	579190	19.313	ug/l	96
71) Bromoform	12.457	173	139796	18.473	ug/l #	99
73) Isopropylbenzene	12.578	105	933590	18.520	ug/l	98
74) N-amyl acetate	12.387	43	406071	19.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	342845	19.727	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	304650m	20.655	ug/l	
77) Bromobenzene	12.862	156	215367	18.609	ug/l	75
78) n-propylbenzene	12.921	91	1048615	18.775	ug/l	95
79) 2-Chlorotoluene	13.007	91	651106	18.169	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	757382	18.749	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	88778	19.982	ug/l	97
82) 4-Chlorotoluene	13.106	91	614362	18.301	ug/l	91
83) tert-Butylbenzene	13.323	119	647084	18.192	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	734845	18.891	ug/l	97
85) sec-Butylbenzene	13.500	105	905416	18.749	ug/l	97
86) p-Isopropyltoluene	13.616	119	709128	18.693	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	352460	18.192	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	337556	17.663	ug/l	96
89) n-Butylbenzene	13.943	91	567230	17.927	ug/l	97
90) Hexachloroethane	14.211	117	120960	18.354	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	349704	18.412	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56055	19.196	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	164548	18.387	ug/l	99
94) Hexachlorobutadiene	15.370	225	109080	20.973	ug/l	98
95) Naphthalene	15.507	128	476083	20.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	163145	19.570	ug/l	96

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

