

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071117.D
 Acq On : 01 Mar 2022 14:36
 Operator : JC\MD
 Sample : VN0301WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:28:56 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	8.080	168	608329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	973383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	879981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	358133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	393490	56.625	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.260%			
35) Dibromofluoromethane	8.016	113	307223	53.064	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.120%			
50) Toluene-d8	10.439	98	1197522	51.504	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.000%			
62) 4-Bromofluorobenzene	12.727	95	404998	48.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	111959	17.720	ug/l	99
3) Chloromethane	2.298	50	156478	19.703	ug/l	99
4) Vinyl Chloride	2.446	62	144340	18.156	ug/l	96
5) Bromomethane	2.857	94	85884	19.017	ug/l	94
6) Chloroethane	3.022	64	95459	18.302	ug/l	89
7) Trichlorofluoromethane	3.381	101	200129	20.087	ug/l	97
8) Diethyl Ether	3.822	74	88313	20.390	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	116216	19.012	ug/l	96
10) Methyl Iodide	4.422	142	160096	18.911	ug/l	97
11) Tert butyl alcohol	5.357	59	143915	113.639	ug/l	99
12) 1,1-Dichloroethene	4.187	96	110255	18.513	ug/l	94
13) Acrolein	4.045	56	85823	75.839	ug/l	100
14) Allyl chloride	4.840	41	235680	20.750	ug/l	87
15) Acrylonitrile	5.551	53	451499	121.036	ug/l	98
16) Acetone	4.281	43	365028	95.382	ug/l	94
17) Carbon Disulfide	4.534	76	263456	15.426	ug/l	99
18) Methyl Acetate	4.851	43	206618	24.348	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	461558	22.093	ug/l	98
20) Methylene Chloride	5.092	84	142460	20.483	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	120469	18.846	ug/l	88
22) Diisopropyl ether	6.492	45	516287	23.700	ug/l	93
23) Vinyl Acetate	6.428	43	2172557	117.814	ug/l	98
24) 1,1-Dichloroethane	6.381	63	260579	21.338	ug/l	99
25) 2-Butanone	7.328	43	595542	116.979	ug/l	96
26) 2,2-Dichloropropane	7.322	77	204890	20.188	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	150891	20.538	ug/l	91
28) Bromochloromethane	7.651	49	95880	19.399	ug/l	84
29) Tetrahydrofuran	7.680	42	413762	125.457	ug/l	92
30) Chloroform	7.816	83	252962	21.061	ug/l	100
31) Cyclohexane	8.092	56	243206	20.237	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	212462	20.484	ug/l	96
36) 1,1-Dichloropropene	8.216	75	181453	19.130	ug/l	96
37) Ethyl Acetate	7.404	43	242534	23.841	ug/l	98
38) Carbon Tetrachloride	8.210	117	179765	19.234	ug/l	96
39) Methylcyclohexane	9.457	83	224634	18.404	ug/l	93
40) Benzene	8.457	78	571896	20.383	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	113351	21.156	ug/l	95
42) 1,2-Dichloroethane	8.527	62	204366	21.386	ug/l	99
43) Isopropyl Acetate	8.557	43	380537	23.732	ug/l	97
44) Trichloroethene	9.210	130	136197	18.434	ug/l	95
45) 1,2-Dichloropropane	9.486	63	156453	21.768	ug/l	97
46) Dibromomethane	9.574	93	95068	20.100	ug/l	98
47) Bromodichloromethane	9.757	83	196493	20.555	ug/l	92
48) Methyl methacrylate	9.557	41	177666	23.409	ug/l #	83
49) 1,4-Dioxane	9.563	88	59116	438.537	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	1200962	123.102	ug/l	99
52) Toluene	10.498	92	360140	20.427	ug/l	94
53) t-1,3-Dichloropropene	10.716	75	209806	20.185	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	233004	20.412	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	145038	21.016	ug/l	97
56) Ethyl methacrylate	10.757	69	228167	21.943	ug/l	92
57) 1,3-Dichloropropane	11.039	76	251423	21.062	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	187921	102.714	ug/l	94
59) 2-Hexanone	11.080	43	820816	122.334	ug/l	99
60) Dibromochloromethane	11.233	129	147220	20.186	ug/l	98
61) 1,2-Dibromoethane	11.339	107	143015	20.374	ug/l	100
64) Tetrachloroethene	10.974	164	122466	17.870	ug/l	97
65) Chlorobenzene	11.768	112	370035	19.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	137776	19.933	ug/l	100
67) Ethyl Benzene	11.839	91	661081	19.919	ug/l	98
68) m/p-Xylenes	11.951	106	499162	38.937	ug/l	97
69) o-Xylene	12.274	106	249721	19.941	ug/l	98
70) Styrene	12.292	104	389676	19.570	ug/l	97
71) Bromoform	12.457	173	105644	19.191	ug/l #	99
73) Isopropylbenzene	12.574	105	647929	22.477	ug/l	98
74) N-amyl acetate	12.386	43	228160	24.761	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	219264	23.936	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	168540m	19.987	ug/l	
77) Bromobenzene	12.857	156	151501	21.469	ug/l	85
78) n-propylbenzene	12.915	91	693642	21.417	ug/l	98
79) 2-Chlorotoluene	13.004	91	440344	22.388	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	520008	22.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	57336	22.034	ug/l	90
82) 4-Chlorotoluene	13.104	91	416963	21.839	ug/l	93
83) tert-Butylbenzene	13.321	119	462531	20.883	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	501836	21.829	ug/l	100
85) sec-Butylbenzene	13.498	105	613599	21.025	ug/l	99
86) p-Isopropyltoluene	13.610	119	488983	20.410	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	248554	19.897	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	240162	19.622	ug/l	98
89) n-Butylbenzene	13.939	91	349158	17.863	ug/l	97
90) Hexachloroethane	14.204	117	89709	20.967	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	247336	21.085	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34339	23.137	ug/l	88
93) 1,2,4-Trichlorobenzene	15.256	180	101943	16.842	ug/l	97
94) Hexachlorobutadiene	15.362	225	71869	16.801	ug/l	99
95) Naphthalene	15.504	128	232695	18.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	97087	17.685	ug/l	98

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

