

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069880.D
 Acq On : 9 Dec 2021 00:07
 Operator : JC/MD
 Sample : VN1208WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:51:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1033665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1712375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1545606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	618018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	890306	55.784	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.560%			
35) Dibromofluoromethane	8.024	113	610262	56.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.800%			
50) Toluene-d8	10.440	98	2364909	54.911	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.820%			
62) 4-Bromofluorobenzene	12.731	95	804792	51.580	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	238696	19.799	ug/l	99
3) Chloromethane	2.306	50	290276	19.218	ug/l	97
4) Vinyl Chloride	2.451	62	273860	19.719	ug/l	99
5) Bromomethane	2.861	94	157670	20.897	ug/l	99
6) Chloroethane	3.025	64	166922	19.614	ug/l	98
7) Trichlorofluoromethane	3.381	101	357136	19.593	ug/l	99
8) Diethyl Ether	3.827	74	142737	20.332	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	205513	20.114	ug/l	96
10) Methyl Iodide	4.422	142	262814	18.828	ug/l	98
11) Tert butyl alcohol	5.374	59	230152	76.290	ug/l	99
12) 1,1-Dichloroethene	4.183	96	192911	19.593	ug/l	88
13) Acrolein	4.044	56	257768	100.335	ug/l	99
14) Allyl chloride	4.843	41	432572	19.497	ug/l #	93
15) Acrylonitrile	5.556	53	744692	91.607	ug/l	100
16) Acetone	4.288	43	707000	73.642	ug/l	96
17) Carbon Disulfide	4.532	76	475514	18.694	ug/l	98
18) Methyl Acetate	4.856	43	541733	18.694	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	763031	19.931	ug/l	97
20) Methylene Chloride	5.095	84	247993	19.431	ug/l #	85
21) trans-1,2-Dichloroethene	5.602	96	207477	19.401	ug/l #	85
22) Diisopropyl ether	6.498	45	915198	21.104	ug/l	94
23) Vinyl Acetate	6.433	43	3596893	101.952	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	464391	20.673	ug/l	98
25) 2-Butanone	7.335	43	1083524	83.065	ug/l	90
26) 2,2-Dichloropropane	7.327	77	317793	18.195	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	252934	19.576	ug/l	86
28) Bromochloromethane	7.656	49	237878	20.364	ug/l #	77
29) Tetrahydrofuran	7.686	42	710435	89.692	ug/l	87
30) Chloroform	7.817	83	465942	20.538	ug/l	99
31) Cyclohexane	8.096	56	442194	19.909	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	387960	20.076	ug/l	95
36) 1,1-Dichloropropene	8.222	75	327736	20.105	ug/l	95
37) Ethyl Acetate	7.415	43	434693	17.916	ug/l	95
38) Carbon Tetrachloride	8.206	117	318804	19.943	ug/l	99
39) Methylcyclohexane	9.459	83	379419	19.568	ug/l	90
40) Benzene	8.461	78	1015340	20.377	ug/l	99

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41) Methacrylonitrile	7.638	41	225401	19.790	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	408786	20.323	ug/l	96
43) Isopropyl Acetate	8.560	43	697251	19.420	ug/l #	93
44) Trichloroethene	9.217	130	238052	20.017	ug/l	90
45) 1,2-Dichloropropane	9.491	63	275797	20.612	ug/l	99
46) Dibromomethane	9.577	93	177928	20.276	ug/l	92
47) Bromodichloromethane	9.762	83	345871	20.817	ug/l	99
48) Methyl methacrylate	9.561	41	319623	19.075	ug/l	87
49) 1,4-Dioxane	9.569	88	92026	306.091	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2207641	94.780	ug/l	94
52) Toluene	10.505	92	613618	20.171	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	343368	19.014	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	380016	19.392	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	245177	19.976	ug/l	97
56) Ethyl methacrylate	10.762	69	391333	18.407	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	435174	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	435307	82.874	ug/l	91
59) 2-Hexanone	11.084	43	1510192	85.710	ug/l	91
60) Dibromochloromethane	11.237	129	232754	19.234	ug/l	100
61) 1,2-Dibromoethane	11.344	107	248773	19.569	ug/l	99
64) Tetrachloroethene	10.977	164	210110	20.048	ug/l	92
65) Chlorobenzene	11.771	112	637027	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	233648	21.171	ug/l	99
67) Ethyl Benzene	11.843	91	1177841	20.679	ug/l	96
68) m/p-Xylenes	11.953	106	844801	40.736	ug/l	90
69) o-Xylene	12.280	106	424460	20.319	ug/l	92
70) Styrene	12.294	104	672720	20.309	ug/l	95
71) Bromoform	12.457	173	160190	18.775	ug/l #	99
73) Isopropylbenzene	12.578	105	1115640	20.289	ug/l	98
74) N-amyl acetate	12.387	43	440892	18.131	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	377664	19.862	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	358844m	20.247	ug/l	
77) Bromobenzene	12.859	156	255827	19.808	ug/l	81
78) n-propylbenzene	12.921	91	1226067	20.038	ug/l	96
79) 2-Chlorotoluene	13.007	91	772209	19.973	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	910513	20.573	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	83614	18.247	ug/l	87
82) 4-Chlorotoluene	13.103	91	726687	19.986	ug/l	92
83) tert-Butylbenzene	13.323	119	790000	20.159	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	868232	20.599	ug/l	98
85) sec-Butylbenzene	13.500	105	1045409	19.667	ug/l	97
86) p-Isopropyltoluene	13.616	119	821597	19.774	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	417208	19.663	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	399279	19.149	ug/l	96
89) n-Butylbenzene	13.943	91	610604	18.116	ug/l	98
90) Hexachloroethane	14.211	117	143368	19.653	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	407446	19.708	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61044	17.767	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	156524	17.426	ug/l	97
94) Hexachlorobutadiene	15.370	225	108245	19.756	ug/l	100
95) Naphthalene	15.507	128	380684	15.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	153423	17.205	ug/l	99

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

