

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065522.D
 Acq On : 15 Jan 2021 15:08
 Operator : JC/MD
 Sample : VN0115WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:21:21 PM

Quant Time: Jan 15 23:41:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	257865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	366464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	340164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	173605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	125122	42.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.96%		
35) Dibromofluoromethane	7.553	113	114437	51.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.52%		
50) Toluene-d8	10.058	98	442929	53.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.90%		
62) 4-Bromofluorobenzene	12.373	95	158266	48.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	46230	19.38	ug/l	98
3) Chloromethane	2.055	50	55237	20.34	ug/l	100
4) Vinyl Chloride	2.181	62	59877	21.19	ug/l	97
5) Bromomethane	2.547	94	43789	21.81	ug/l	99
6) Chloroethane	2.689	64	38708	21.20	ug/l	99
7) Trichlorofluoromethane	3.000	101	79861	18.89	ug/l	99
8) Diethyl Ether	3.386	74	32589	19.58	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.724	101	49482	20.87	ug/l	95
10) Methyl Iodide	3.914	142	73724	20.58	ug/l	91
11) Tert butyl alcohol	4.769	59	32896	69.06	ug/l	100
12) 1,1-Dichloroethene	3.701	96	49573	19.57	ug/l	93
13) Acrolein	3.576	56	23154	73.59	ug/l	97
14) Allyl chloride	4.283	41	66297	15.88	ug/l	97
15) Acrylonitrile	4.946	53	104348	90.65	ug/l	99
16) Acetone	3.791	43	85978	62.30	ug/l	91
17) Carbon Disulfide	4.013	76	115097	17.76	ug/l	99
18) Methyl Acetate	4.293	43	45920	17.57	ug/l	99
19) Methyl tert-butyl Ether	5.010	73	136520	16.97	ug/l	99
20) Methylene Chloride	4.508	84	52350	18.43	ug/l	97
21) trans-1,2-Dichloroethene	4.994	96	49227	19.80	ug/l	96
22) Diisopropyl ether	5.917	45	139559	16.79	ug/l	98
23) Vinyl Acetate	5.856	43	553013	78.95	ug/l	98
24) 1,1-Dichloroethane	5.804	63	84500	18.54	ug/l	99
25) 2-Butanone	6.798	43	128895	78.87	ug/l	95
26) 2,2-Dichloropropane	6.778	77	69129	15.87	ug/l	97
27) cis-1,2-Dichloroethene	6.785	96	56060	19.37	ug/l	94
28) Bromochloromethane	7.155	49	32523	16.13	ug/l	90
29) Tetrahydrofuran	7.177	42	85827	81.21	ug/l	95
30) Chloroform	7.331	83	86497	18.43	ug/l	97
31) Cyclohexane	7.614	56	74294	17.28	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	72992	17.17	ug/l	99
36) 1,1-Dichloropropene	7.753	75	66050	19.82	ug/l	98
37) Ethyl Acetate	6.894	43	54559	16.52	ug/l	98
38) Carbon Tetrachloride	7.737	117	65366	18.68	ug/l	97
39) Methylcyclohexane	9.045	83	77929	19.46	ug/l	100
40) Benzene	8.003	78	200960	20.27	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	27000m	15.71	ug/l	
42) 1,2-Dichloroethane	8.087	62	66933	18.27	ug/l	100
43) Isopropyl Acetate	8.132	43	88868	15.61	ug/l	97
44) Trichloroethene	8.801	130	60270	21.06	ug/l	94
45) 1,2-Dichloropropane	9.084	63	51627	20.03	ug/l	100
46) Dibromomethane	9.174	93	34475	19.70	ug/l #	87
47) Bromodichloromethane	9.370	83	65551	17.76	ug/l	99
48) Methyl methacrylate	9.167	41	44291	16.03	ug/l	95
49) 1,4-Dioxane	9.171	88	15260	340.75	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	272431	85.12	ug/l	97
52) Toluene	10.122	92	129694	20.76	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	71317	17.15	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	80984	18.33	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	50924	20.60	ug/l	96
56) Ethyl methacrylate	10.399	69	69298	18.10	ug/l	96
57) 1,3-Dichloropropane	10.675	76	84121	20.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	150393	90.30	ug/l	97
59) 2-Hexanone	10.724	43	195955	83.29	ug/l	97
60) Dibromochloromethane	10.872	129	54412	18.47	ug/l	99
61) 1,2-Dibromoethane	10.978	107	53585	20.19	ug/l	100
64) Tetrachloroethene	10.601	164	69106	20.92	ug/l	94
65) Chlorobenzene	11.405	112	145923	21.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	53705	19.93	ug/l	99
67) Ethyl Benzene	11.482	91	245244	19.66	ug/l	99
68) m/p-Xylenes	11.595	106	194037	41.28	ug/l	96
69) o-Xylene	11.920	106	93288	20.44	ug/l	95
70) Styrene	11.936	104	155372	20.41	ug/l	98
71) Bromoform	12.100	173	41481	17.88	ug/l #	99
73) Isopropylbenzene	12.222	105	242959	18.38	ug/l	98
74) N-amyl acetate	12.045	43	77313	14.69	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.479	83	68265	19.15	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	65646m	18.53	ug/l	
77) Bromobenzene	12.498	156	69780	20.19	ug/l	86
78) n-propylbenzene	12.563	91	273143	18.30	ug/l	96
79) 2-Chlorotoluene	12.646	91	164065	18.67	ug/l	96
80) 1,3,5-Trimethylbenzene	12.707	105	208927	18.53	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	20885	14.87	ug/l	93
82) 4-Chlorotoluene	12.746	91	170057	18.79	ug/l	96
83) tert-Butylbenzene	12.968	119	179454	18.68	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	208414	18.99	ug/l	98
85) sec-Butylbenzene	13.145	105	233850	18.35	ug/l	97
86) p-Isopropyltoluene	13.264	119	219797	18.81	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	119026	20.60	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	118716	20.46	ug/l	97
89) n-Butylbenzene	13.588	91	175699	17.59	ug/l	97
90) Hexachloroethane	13.849	117	33610	16.73	ug/l	76
91) 1,2-Dichlorobenzene	13.627	146	116421	20.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	12686	17.27	ug/l	87
93) 1,2,4-Trichlorobenzene	14.881	180	65516	20.81	ug/l	97
94) Hexachlorobutadiene	14.981	225	41454	18.92	ug/l	98
95) Naphthalene	15.103	128	159988	19.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	64323	22.10	ug/l	98

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

