

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065520.D
 Acq On : 15 Jan 2021 13:56
 Operator : JC/MD
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Manual Integrations
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 1/18/2021 4:21:16 PM

Quant Time: Jan 15 23:40:04 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	234646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	337106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	317596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	162311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	112496	42.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.94%		
35) Dibromofluoromethane	7.553	113	103801	51.04	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.08%		
50) Toluene-d8	10.058	98	387032	50.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.54%		
62) 4-Bromofluorobenzene	12.373	95	139416	46.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.26%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	33953	15.64	ug/l	98
3) Chloromethane	2.055	50	43611	17.65	ug/l	97
4) Vinyl Chloride	2.180	62	47387	18.43	ug/l	99
5) Bromomethane	2.541	94	35523	19.44	ug/l	98
6) Chloroethane	2.685	64	31255	18.81	ug/l	94
7) Trichlorofluoromethane	3.000	101	68372	17.78	ug/l	98
8) Diethyl Ether	3.389	74	28232	18.64	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.724	101	41819	19.39	ug/l	95
10) Methyl Iodide	3.914	142	60311	18.51	ug/l	90
11) Tert butyl alcohol	4.778	59	29876	68.93	ug/l	98
12) 1,1-Dichloroethene	3.701	96	41354	17.94	ug/l	98
13) Acrolein	3.576	56	26769	92.85	ug/l	100
14) Allyl chloride	4.280	41	57377	15.10	ug/l	98
15) Acrylonitrile	4.949	53	95240	90.93	ug/l	98
16) Acetone	3.791	43	74286	58.59	ug/l #	87
17) Carbon Disulfide	4.010	76	85522	14.50	ug/l	100
18) Methyl Acetate	4.293	43	44164	18.57	ug/l	97
19) Methyl tert-butyl Ether	5.010	73	124538	17.01	ug/l	98
20) Methylene Chloride	4.508	84	45078	17.44	ug/l	98
21) trans-1,2-Dichloroethene	4.994	96	41246	18.23	ug/l	92
22) Diisopropyl ether	5.917	45	126703	16.75	ug/l	95
23) Vinyl Acetate	5.856	43	488758	76.68	ug/l	97
24) 1,1-Dichloroethane	5.801	63	75183	18.12	ug/l	99
25) 2-Butanone	6.801	43	113539	76.35	ug/l	96
26) 2,2-Dichloropropane	6.782	77	59534	15.02	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	49445	18.78	ug/l	96
28) Bromochloromethane	7.155	49	28312	15.46	ug/l	87
29) Tetrahydrofuran	7.180	42	76232	79.27	ug/l	97
30) Chloroform	7.331	83	77154	18.07	ug/l	100
31) Cyclohexane	7.614	56	61283	15.67	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	64751	16.74	ug/l	100
36) 1,1-Dichloropropene	7.753	75	54988	17.94	ug/l	97
37) Ethyl Acetate	6.891	43	50326	16.56	ug/l	99
38) Carbon Tetrachloride	7.737	117	56179	17.45	ug/l	98
39) Methylcyclohexane	9.048	83	62309	16.92	ug/l	97
40) Benzene	8.003	78	172796	18.95	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	24438	15.46	ug/l	92
42) 1,2-Dichloroethane	8.087	62	59105	17.54	ug/l	99
43) Isopropyl Acetate	8.132	43	80834	15.44	ug/l	97
44) Trichloroethene	8.801	130	51653	19.62	ug/l	95
45) 1,2-Dichloropropane	9.087	63	46275	19.52	ug/l	98
46) Dibromomethane	9.177	93	30739	19.09	ug/l	88
47) Bromodichloromethane	9.370	83	59795	17.62	ug/l	99
48) Methyl methacrylate	9.167	41	38731	15.24	ug/l	96
49) 1,4-Dioxane	9.171	88	12127	294.37	ug/l	94
51) 4-Methyl-2-Pentanone	9.955	43	247875	84.19	ug/l	98
52) Toluene	10.126	92	111640	19.43	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	63195	16.52	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	71578	17.61	ug/l	97
55) 1,1,2-Trichloroethane	10.534	97	46689	20.53	ug/l	96
56) Ethyl methacrylate	10.402	69	61292	17.40	ug/l	99
57) 1,3-Dichloropropane	10.679	76	75126	20.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	142705	93.15	ug/l	98
59) 2-Hexanone	10.724	43	175077	80.89	ug/l	97
60) Dibromochloromethane	10.871	129	50255	18.54	ug/l	97
61) 1,2-Dibromoethane	10.978	107	47994	19.66	ug/l	100
64) Tetrachloroethene	10.601	164	59983	19.45	ug/l	95
65) Chlorobenzene	11.405	112	129116	19.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	48481	19.27	ug/l	99
67) Ethyl Benzene	11.482	91	212615	18.25	ug/l	98
68) m/p-Xylenes	11.592	106	167689	38.21	ug/l	96
69) o-Xylene	11.920	106	81778	19.20	ug/l	99
70) Styrene	11.936	104	137204	19.30	ug/l	98
71) Bromoform	12.100	173	38199	17.64	ug/l #	100
73) Isopropylbenzene	12.222	105	212749	17.21	ug/l	98
74) N-amyl acetate	12.045	43	69558	14.13	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.476	83	61512	18.45	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	60059m	18.14	ug/l	
77) Bromobenzene	12.498	156	62117	19.23	ug/l	86
78) n-propylbenzene	12.563	91	239698	17.18	ug/l	96
79) 2-Chlorotoluene	12.646	91	145333	17.68	ug/l	96
80) 1,3,5-Trimethylbenzene	12.707	105	184529	17.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	18714	14.25	ug/l	92
82) 4-Chlorotoluene	12.746	91	149102	17.62	ug/l	96
83) tert-Butylbenzene	12.968	119	160690	17.89	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	185108	18.04	ug/l	98
85) sec-Butylbenzene	13.145	105	207551	17.42	ug/l	97
86) p-Isopropyltoluene	13.264	119	195409	17.89	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	105604	19.55	ug/l	96
88) 1,4-Dichlorobenzene	13.338	146	104241	19.22	ug/l	98
89) n-Butylbenzene	13.588	91	153260	16.41	ug/l	98
90) Hexachloroethane	13.849	117	30666	16.33	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	105488	20.33	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	11027	16.06	ug/l	84
93) 1,2,4-Trichlorobenzene	14.881	180	56012	19.28	ug/l	98
94) Hexachlorobutadiene	14.981	225	36912	18.02	ug/l	99
95) Naphthalene	15.103	128	135584	18.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	55870	20.76	ug/l	97

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

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