

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065344.D
 Acq On : 31 Dec 2020 14:39
 Operator : JC/MD
 Sample : VN1231WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1231WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 9:29:42 AM

Quant Time: Jan 01 01:49:34 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	7.631	168	306916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	448577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	413383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	191948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	160480	46.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.64%		
35) Dibromofluoromethane	7.553	113	136998	50.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.24%		
50) Toluene-d8	10.061	98	516790	50.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.90%		
62) 4-Bromofluorobenzene	12.376	95	181565	45.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.50%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.849	85	49611	17.47	ug/l	98
3) Chloromethane	2.055	50	60523	18.73	ug/l	99
4) Vinyl Chloride	2.181	62	64514	19.19	ug/l	97
5) Bromomethane	2.538	94	43638	18.26	ug/l	98
6) Chloroethane	2.685	64	40509	18.64	ug/l	100
7) Trichlorofluoromethane	3.001	101	86260	17.15	ug/l	97
8) Diethyl Ether	3.390	74	33886	17.11	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.724	101	51352	18.20	ug/l	99
10) Methyl Iodide	3.914	142	71681	16.82	ug/l	94
11) Tert butyl alcohol	4.782	59	47898	84.49	ug/l	100
12) 1,1-Dichloroethene	3.701	96	51544	17.10	ug/l	98
13) Acrolein	3.579	56	32840	87.23	ug/l	99
14) Allyl chloride	4.277	41	81958	16.49	ug/l	97
15) Acrylonitrile	4.949	53	127324	92.94	ug/l	99
16) Acetone	3.792	43	117760	73.39	ug/l	96
17) Carbon Disulfide	4.010	76	130143	16.87	ug/l	98
18) Methyl Acetate	4.293	43	60027	19.29	ug/l	97
19) Methyl tert-butyl Ether	5.010	73	164205	17.15	ug/l	98
20) Methylene Chloride	4.512	84	58555	17.32	ug/l	98
21) trans-1,2-Dichloroethene	4.997	96	52717	17.81	ug/l	99
22) Diisopropyl ether	5.917	45	174346	17.63	ug/l	97
23) Vinyl Acetate	5.856	43	717227	86.03	ug/l	98
24) 1,1-Dichloroethane	5.804	63	98726	18.19	ug/l	100
25) 2-Butanone	6.804	43	171268	88.05	ug/l	99
26) 2,2-Dichloropropane	6.782	77	83691	16.14	ug/l	100
27) cis-1,2-Dichloroethene	6.788	96	63116	18.32	ug/l	98
28) Bromochloromethane	7.155	49	39990	16.64	ug/l	98
29) Tetrahydrofuran	7.184	42	112597	89.51	ug/l	99
30) Chloroform	7.335	83	102035	18.27	ug/l	98
31) Cyclohexane	7.614	56	86274	16.86	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	87116	17.21	ug/l	99
36) 1,1-Dichloropropene	7.756	75	74546	18.28	ug/l	98
37) Ethyl Acetate	6.897	43	75234	18.61	ug/l	98
38) Carbon Tetrachloride	7.737	117	73373	17.13	ug/l	98
39) Methylcyclohexane	9.045	83	88180	17.99	ug/l	100
40) Benzene	8.007	78	231913	19.11	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	34064	16.19	ug/l	93
42) 1,2-Dichloroethane	8.090	62	80291	17.91	ug/l	98
43) Isopropyl Acetate	8.135	43	122694	17.61	ug/l	97
44) Trichloroethene	8.801	130	65996	18.84	ug/l	98
45) 1,2-Dichloropropane	9.087	63	59406	18.83	ug/l	99
46) Dibromomethane	9.177	93	40400	18.86	ug/l	93
47) Bromodichloromethane	9.373	83	80718	17.87	ug/l	99
48) Methyl methacrylate	9.171	41	59658	17.64	ug/l	97
49) 1,4-Dioxane	9.174	88	21649	394.92	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	363241	92.72	ug/l	99
52) Toluene	10.122	92	145625	19.04	ug/l	99
53) t-1,3-Dichloropropene	10.354	75	87684	17.23	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	95887	17.73	ug/l	98
55) 1,1,2-Trichloroethane	10.534	97	59872	19.79	ug/l	96
56) Ethyl methacrylate	10.402	69	85528	18.25	ug/l	98
57) 1,3-Dichloropropane	10.679	76	96828	19.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.666	63	179681	88.14	ug/l	99
59) 2-Hexanone	10.724	43	261706	90.87	ug/l	97
60) Dibromochloromethane	10.875	129	64086	17.77	ug/l	98
61) 1,2-Dibromoethane	10.978	107	61241	18.85	ug/l	99
64) Tetrachloroethene	10.602	164	76018	18.94	ug/l	95
65) Chlorobenzene	11.405	112	159793	18.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	60204	18.39	ug/l	99
67) Ethyl Benzene	11.483	91	277632	18.31	ug/l	99
68) m/p-Xylenes	11.595	106	213334	37.35	ug/l	99
69) o-Xylene	11.923	106	102786	18.54	ug/l	99
70) Styrene	11.936	104	171030	18.49	ug/l	99
71) Bromoform	12.100	173	47715	16.93	ug/l #	100
73) Isopropylbenzene	12.222	105	274028	18.74	ug/l	100
74) N-amyl acetate	12.045	43	99595	17.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	78566	19.93	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	71391m	18.23	ug/l	
77) Bromobenzene	12.499	156	74283	19.44	ug/l	91
78) n-propylbenzene	12.566	91	303527	18.39	ug/l	99
79) 2-Chlorotoluene	12.646	91	182177	18.75	ug/l	97
80) 1,3,5-Trimethylbenzene	12.708	105	231592	18.58	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	26338	16.96	ug/l	90
82) 4-Chlorotoluene	12.746	91	185743	18.56	ug/l	99
83) tert-Butylbenzene	12.968	119	199810	18.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	227759	18.76	ug/l	99
85) sec-Butylbenzene	13.145	105	256457	18.20	ug/l	99
86) p-Isopropyltoluene	13.261	119	238113	18.43	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	121631	19.04	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	119224	18.59	ug/l	98
89) n-Butylbenzene	13.589	91	193106	17.49	ug/l	99
90) Hexachloroethane	13.846	117	39071	17.59	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	119118	19.41	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	14276	17.58	ug/l	94
93) 1,2,4-Trichlorobenzene	14.884	180	55005	16.49	ug/l	99
94) Hexachlorobutadiene	14.981	225	43155	17.82	ug/l	99
95) Naphthalene	15.103	128	134993	16.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	53015	17.30	ug/l	98

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

