

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065797.D
 Acq On : 10 Feb 2021 14:53
 Operator : JC/MD
 Sample : VN0210WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2021 1:17:44 PM

Quant Time: Feb 11 01:26:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	124153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	206395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	190252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	82839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	70178	42.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.94%		
35) Dibromofluoromethane	7.547	113	62846	51.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.76%		
50) Toluene-d8	10.055	98	238780	49.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.34%		
62) 4-Bromofluorobenzene	12.370	95	88550	51.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.30%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	28489	20.49	ug/l	98
3) Chloromethane	2.039	50	39858	19.50	ug/l	98
4) Vinyl Chloride	2.168	62	39763	19.21	ug/l	98
5) Bromomethane	2.534	94	26575	22.18	ug/l	95
6) Chloroethane	2.676	64	22802	19.05	ug/l	99
7) Trichlorofluoromethane	2.991	101	44095	20.38	ug/l	99
8) Diethyl Ether	3.373	74	19822	19.22	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	27177	20.70	ug/l	99
10) Methyl Iodide	3.904	142	41704	21.67	ug/l	97
11) Tert butyl alcohol	4.756	59	23535	76.92	ug/l #	87
12) 1,1-Dichloroethene	3.692	96	27870	18.44	ug/l	99
13) Acrolein	3.563	56	19026	84.84	ug/l	96
14) Allyl chloride	4.267	41	46164	16.48	ug/l	89
15) Acrylonitrile	4.933	53	69173	86.79	ug/l	98
16) Acetone	3.775	43	54256	85.33	ug/l	98
17) Carbon Disulfide	4.000	76	78259	16.45	ug/l	99
18) Methyl Acetate	4.283	43	31127	17.47	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	87303	17.30	ug/l	99
20) Methylene Chloride	4.495	84	33058	18.77	ug/l	98
21) trans-1,2-Dichloroethene	4.978	96	29603	18.43	ug/l	95
22) Diisopropyl ether	5.904	45	95595	16.69	ug/l	98
23) Vinyl Acetate	5.843	43	367729	80.38	ug/l	99
24) 1,1-Dichloroethane	5.791	63	53917	17.66	ug/l	97
25) 2-Butanone	6.791	43	82508	82.75	ug/l	100
26) 2,2-Dichloropropane	6.769	77	39811	16.29	ug/l	98
27) cis-1,2-Dichloroethene	6.775	96	33766	18.35	ug/l	96
28) Bromochloromethane	7.142	49	22842	17.81	ug/l	96
29) Tetrahydrofuran	7.171	42	56492	78.12	ug/l	98
30) Chloroform	7.325	83	51651	18.37	ug/l	96
31) Cyclohexane	7.608	56	50929	16.58	ug/l	97
32) 1,1,1-Trichloroethane	7.524	97	40749	17.80	ug/l	98
36) 1,1-Dichloropropene	7.746	75	40387	19.45	ug/l	99
37) Ethyl Acetate	6.884	43	37106	18.62	ug/l	98
38) Carbon Tetrachloride	7.727	117	34469	20.16	ug/l	99
39) Methylcyclohexane	9.042	83	49357	19.48	ug/l	98
40) Benzene	7.997	78	130374	20.55	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	17238	16.11	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	40083	20.96	ug/l	98
43) Isopropyl Acetate	8.126	43	60958	17.25	ug/l	95
44) Trichloroethene	8.794	130	33240	21.60	ug/l	98
45) 1,2-Dichloropropane	9.080	63	34309	19.66	ug/l	99
46) Dibromomethane	9.171	93	20714	21.49	ug/l	96
47) Bromodichloromethane	9.367	83	39895	19.29	ug/l	99
48) Methyl methacrylate	9.164	41	29384	17.53	ug/l	94
49) 1,4-Dioxane	9.164	88	11343	418.21	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	180380	92.61	ug/l	98
52) Toluene	10.119	92	79243	21.09	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	45208	18.77	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	52243	19.47	ug/l	94
55) 1,1,2-Trichloroethane	10.531	97	31110	21.71	ug/l	96
56) Ethyl methacrylate	10.396	69	45972	19.40	ug/l #	93
57) 1,3-Dichloropropane	10.675	76	53709	21.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	88088	80.48	ug/l	96
59) 2-Hexanone	10.720	43	124745	92.25	ug/l	96
60) Dibromochloromethane	10.868	129	29948	20.45	ug/l	100
61) 1,2-Dibromoethane	10.974	107	31251	21.88	ug/l	99
64) Tetrachloroethene	10.598	164	32837	20.60	ug/l	98
65) Chlorobenzene	11.402	112	85170	21.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	29113	20.69	ug/l	98
67) Ethyl Benzene	11.479	91	147983	19.79	ug/l	99
68) m/p-Xylenes	11.588	106	114669	42.36	ug/l	96
69) o-Xylene	11.916	106	55443	21.14	ug/l	99
70) Styrene	11.932	104	89812	20.80	ug/l	99
71) Bromoform	12.093	173	18842	19.37	ug/l #	98
73) Isopropylbenzene	12.219	105	142617	19.66	ug/l	99
74) N-amyl acetate	12.042	43	50075	16.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	41186	19.23	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	38644m	17.84	ug/l	
77) Bromobenzene	12.495	156	33580	21.38	ug/l	90
78) n-propylbenzene	12.559	91	158996	18.60	ug/l	99
79) 2-Chlorotoluene	12.643	91	96544	19.02	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	120254	19.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	12553	14.84	ug/l	99
82) 4-Chlorotoluene	12.743	91	97325	18.78	ug/l	99
83) tert-Butylbenzene	12.965	119	99674	19.35	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	120371	19.54	ug/l	98
85) sec-Butylbenzene	13.141	105	131384	18.90	ug/l	99
86) p-Isopropyltoluene	13.257	119	120424	19.62	ug/l	97
87) 1,3-Dichlorobenzene	13.251	146	59546	21.27	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	59045	20.78	ug/l	98
89) n-Butylbenzene	13.585	91	99304	18.01	ug/l	100
90) Hexachloroethane	13.842	117	18451	17.18	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	57297	20.63	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	6845	16.10	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	27461	18.58	ug/l	100
94) Hexachlorobutadiene	14.977	225	13477	19.76	ug/l	97
95) Naphthalene	15.100	128	79815	17.30	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	28742	19.20	ug/l	99

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

