

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020821\
 Data File : VN065751.D
 Acq On : 8 Feb 2021 12:43
 Operator : JC/MD
 Sample : VN0208WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:30:40 AM

Quant Time: Feb 09 00:38:33 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	138067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	244739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	220723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	94073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	79478	43.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.52%		
35) Dibromofluoromethane	7.544	113	68919	47.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.04%		
50) Toluene-d8	10.055	98	262650	46.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.14%		
62) 4-Bromofluorobenzene	12.370	95	98487	47.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.94%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	26682	17.25	ug/l	99
3) Chloromethane	2.039	50	40363	17.76	ug/l	98
4) Vinyl Chloride	2.168	62	40286	17.51	ug/l	100
5) Bromomethane	2.537	94	26451	19.86	ug/l	96
6) Chloroethane	2.676	64	24106	18.11	ug/l	98
7) Trichlorofluoromethane	2.988	101	43684	18.16	ug/l	98
8) Diethyl Ether	3.373	74	20882	18.21	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.708	101	27024	18.51	ug/l	95
10) Methyl Iodide	3.901	142	40851	19.09	ug/l	97
11) Tert butyl alcohol	4.756	59	28899	84.94	ug/l	99
12) 1,1-Dichloroethene	3.688	96	28494	16.95	ug/l	98
13) Acrolein	3.563	56	23043	90.78	ug/l	99
14) Allyl chloride	4.267	41	52050	16.70	ug/l	90
15) Acrylonitrile	4.933	53	79392	89.57	ug/l	98
16) Acetone	3.779	43	58433	82.64	ug/l	96
17) Carbon Disulfide	3.997	76	77795	14.70	ug/l	99
18) Methyl Acetate	4.277	43	37053	18.70	ug/l	98
19) Methyl tert-butyl Ether	4.991	73	100588	17.93	ug/l	99
20) Methylene Chloride	4.489	84	35300	18.03	ug/l	99
21) trans-1,2-Dichloroethene	4.981	96	30678	17.17	ug/l	90
22) Diisopropyl ether	5.904	45	112736	17.70	ug/l	96
23) Vinyl Acetate	5.843	43	428397	84.20	ug/l	100
24) 1,1-Dichloroethane	5.791	63	60902	17.94	ug/l	98
25) 2-Butanone	6.791	43	96978	87.46	ug/l	96
26) 2,2-Dichloropropane	6.769	77	44181	16.26	ug/l	100
27) cis-1,2-Dichloroethene	6.775	96	37309	18.23	ug/l	95
28) Bromochloromethane	7.145	49	21618	15.15	ug/l	93
29) Tetrahydrofuran	7.171	42	68857	85.62	ug/l	97
30) Chloroform	7.325	83	57769	18.47	ug/l	100
31) Cyclohexane	7.605	56	53410	15.63	ug/l	93
32) 1,1,1-Trichloroethane	7.524	97	44045	17.30	ug/l	98
36) 1,1-Dichloropropene	7.743	75	44133	17.92	ug/l	95
37) Ethyl Acetate	6.885	43	40963	17.34	ug/l	95
38) Carbon Tetrachloride	7.727	117	36885	18.19	ug/l	98
39) Methylcyclohexane	9.039	83	49024	16.32	ug/l	94
40) Benzene	7.997	78	140398	18.67	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	20471	16.14	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	43887	19.36	ug/l	97
43) Isopropyl Acetate	8.126	43	71306	17.02	ug/l	93
44) Trichloroethene	8.794	130	35232	19.31	ug/l	99
45) 1,2-Dichloropropane	9.081	63	38689	18.70	ug/l	99
46) Dibromomethane	9.171	93	22324	19.53	ug/l	94
47) Bromodichloromethane	9.367	83	44440	18.12	ug/l	98
48) Methyl methacrylate	9.164	41	34168	17.19	ug/l	91
49) 1,4-Dioxane	9.167	88	13378	415.96	ug/l	94
51) 4-Methyl-2-Pentanone	9.949	43	213140	92.28	ug/l	99
52) Toluene	10.119	92	84538	18.98	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	50982	17.85	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	58908	18.52	ug/l	96
55) 1,1,2-Trichloroethane	10.527	97	33820	19.90	ug/l	97
56) Ethyl methacrylate	10.396	69	51428	18.30	ug/l #	93
57) 1,3-Dichloropropane	10.672	76	59702	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	108016	83.23	ug/l	95
59) 2-Hexanone	10.720	43	149737	93.38	ug/l	99
60) Dibromochloromethane	10.868	129	32532	18.73	ug/l	98
61) 1,2-Dibromoethane	10.974	107	33459	19.76	ug/l	99
64) Tetrachloroethene	10.598	164	34658	18.74	ug/l	97
65) Chlorobenzene	11.402	112	90550	19.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.476	131	31141	19.08	ug/l	96
67) Ethyl Benzene	11.479	91	160081	18.45	ug/l	98
68) m/p-Xylenes	11.592	106	121485	38.69	ug/l	98
69) o-Xylene	11.916	106	59635	19.60	ug/l	98
70) Styrene	11.933	104	97412	19.45	ug/l	99
71) Bromoform	12.097	173	20809	18.44	ug/l #	99
73) Isopropylbenzene	12.219	105	151380	18.38	ug/l	100
74) N-amyl acetate	12.039	43	57891	16.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	46799	19.24	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	44076m	17.92	ug/l	
77) Bromobenzene	12.495	156	35570	19.94	ug/l	84
78) n-propylbenzene	12.560	91	172140	17.73	ug/l	98
79) 2-Chlorotoluene	12.643	91	105331	18.27	ug/l	96
80) 1,3,5-Trimethylbenzene	12.701	105	129037	18.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	15673	16.32	ug/l	94
82) 4-Chlorotoluene	12.743	91	105010	17.84	ug/l	99
83) tert-Butylbenzene	12.961	119	107174	18.33	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	127714	18.26	ug/l	99
85) sec-Butylbenzene	13.142	105	139400	17.66	ug/l	98
86) p-Isopropyltoluene	13.257	119	125650	18.02	ug/l	98
87) 1,3-Dichlorobenzene	13.251	146	61234	19.26	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	61217	18.97	ug/l	97
89) n-Butylbenzene	13.585	91	105135	16.79	ug/l	99
90) Hexachloroethane	13.842	117	19842	16.27	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	61928	19.63	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	7845	16.25	ug/l	92
93) 1,2,4-Trichlorobenzene	14.878	180	29320	17.67	ug/l	99
94) Hexachlorobutadiene	14.977	225	13667	17.67	ug/l	99
95) Naphthalene	15.100	128	88977	17.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.276	180	29974	17.86	ug/l	97

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

