

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065733.D
 Acq On : 5 Feb 2021 13:13
 Operator : JC/MD
 Sample : VN0205WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/8/2021 11:34:14 AM

Quant Time: Feb 05 22:46:30 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	141527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	246267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	225795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	94343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	83225	44.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.40%		
35) Dibromofluoromethane	7.544	113	72312	49.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.10%		
50) Toluene-d8	10.055	98	277917	48.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.90%		
62) 4-Bromofluorobenzene	12.373	95	102759	49.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.50%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.837	85	28523	17.99	ug/l	97
3) Chloromethane	2.039	50	42156	18.09	ug/l	97
4) Vinyl Chloride	2.168	62	42346	17.95	ug/l	99
5) Bromomethane	2.538	94	27403	20.07	ug/l	99
6) Chloroethane	2.676	64	25326	18.56	ug/l	99
7) Trichlorofluoromethane	2.991	101	46249	18.75	ug/l	99
8) Diethyl Ether	3.373	74	21381	18.19	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.711	101	28571	19.09	ug/l	97
10) Methyl Iodide	3.898	142	42613	19.42	ug/l	98
11) Tert butyl alcohol	4.759	59	29675	85.09	ug/l	98
12) 1,1-Dichloroethene	3.689	96	29544	17.15	ug/l	99
13) Acrolein	3.566	56	23976	91.88	ug/l	95
14) Allyl chloride	4.267	41	56289	17.62	ug/l	88
15) Acrylonitrile	4.936	53	82221	90.49	ug/l	99
16) Acetone	3.779	43	62074	85.64	ug/l	94
17) Carbon Disulfide	3.997	76	81621	15.05	ug/l	98
18) Methyl Acetate	4.283	43	38915	19.16	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	102073	17.75	ug/l	97
20) Methylene Chloride	4.496	84	36632	18.25	ug/l	97
21) trans-1,2-Dichloroethene	4.978	96	31778	17.36	ug/l	86
22) Diisopropyl ether	5.904	45	117990	18.07	ug/l	98
23) Vinyl Acetate	5.843	43	455035	87.25	ug/l	98
24) 1,1-Dichloroethane	5.791	63	63942	18.37	ug/l	97
25) 2-Butanone	6.795	43	104293	91.76	ug/l	94
26) 2,2-Dichloropropane	6.772	77	46635	16.74	ug/l	99
27) cis-1,2-Dichloroethene	6.775	96	38751	18.47	ug/l	95
28) Bromochloromethane	7.145	49	23171	15.85	ug/l	85
29) Tetrahydrofuran	7.171	42	72450	87.89	ug/l	97
30) Chloroform	7.325	83	59308	18.50	ug/l	99
31) Cyclohexane	7.608	56	57906	16.54	ug/l	95
32) 1,1,1-Trichloroethane	7.524	97	46360	17.77	ug/l	97
36) 1,1-Dichloropropene	7.746	75	45801	18.48	ug/l	99
37) Ethyl Acetate	6.888	43	43541	18.31	ug/l	97
38) Carbon Tetrachloride	7.727	117	37832	18.54	ug/l	98
39) Methylcyclohexane	9.042	83	52630	17.41	ug/l	95
40) Benzene	7.997	78	147042	19.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	22848	17.90	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	45244	19.83	ug/l	99
43) Isopropyl Acetate	8.129	43	75955	18.02	ug/l	93
44) Trichloroethene	8.798	130	36081	19.65	ug/l	95
45) 1,2-Dichloropropane	9.081	63	41532	19.94	ug/l	99
46) Dibromomethane	9.171	93	23165	20.14	ug/l	92
47) Bromodichloromethane	9.367	83	44750	18.13	ug/l	96
48) Methyl methacrylate	9.164	41	36540	18.27	ug/l	91
49) 1,4-Dioxane	9.164	88	12952	400.22	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	224179	96.46	ug/l	98
52) Toluene	10.119	92	89835	20.04	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	52130	18.14	ug/l	96
54) cis-1,3-Dichloropropene	9.804	75	60344	18.85	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	34975	20.45	ug/l	94
56) Ethyl methacrylate	10.399	69	52945	18.73	ug/l	95
57) 1,3-Dichloropropane	10.675	76	61596	20.47	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	114614	87.76	ug/l	95
59) 2-Hexanone	10.720	43	155436	96.33	ug/l	98
60) Dibromochloromethane	10.868	129	32871	18.81	ug/l	97
61) 1,2-Dibromoethane	10.974	107	35280	20.70	ug/l	98
64) Tetrachloroethene	10.598	164	35878	18.96	ug/l	98
65) Chlorobenzene	11.402	112	92216	19.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	31941	19.13	ug/l	98
67) Ethyl Benzene	11.479	91	164377	18.52	ug/l	98
68) m/p-Xylenes	11.589	106	125584	39.09	ug/l	98
69) o-Xylene	11.917	106	60477	19.43	ug/l	100
70) Styrene	11.933	104	99000	19.32	ug/l	99
71) Bromoform	12.097	173	21067	18.25	ug/l #	99
73) Isopropylbenzene	12.219	105	157862	19.11	ug/l	100
74) N-amyl acetate	12.042	43	61166	17.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	48427	19.85	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	46876m	19.00	ug/l	
77) Bromobenzene	12.495	156	36764	20.55	ug/l	83
78) n-propylbenzene	12.560	91	176094	18.09	ug/l	99
79) 2-Chlorotoluene	12.643	91	107752	18.64	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	131877	18.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	15738	16.34	ug/l	95
82) 4-Chlorotoluene	12.743	91	109355	18.53	ug/l	97
83) tert-Butylbenzene	12.965	119	109424	18.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	133302	19.00	ug/l	99
85) sec-Butylbenzene	13.142	105	145970	18.44	ug/l	98
86) p-Isopropyltoluene	13.261	119	128499	18.38	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	63290	19.85	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	62285	19.25	ug/l	97
89) n-Butylbenzene	13.585	91	109326	17.41	ug/l	99
90) Hexachloroethane	13.846	117	20812	17.01	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	63581	20.10	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	7838	16.19	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	29459	17.70	ug/l	99
94) Hexachlorobutadiene	14.981	225	14393	18.54	ug/l	98
95) Naphthalene	15.100	128	89220	17.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	30661	18.16	ug/l	99

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

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