

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065622.D
 Acq On : 27 Jan 2021 12:03
 Operator : JC/MD
 Sample : VN0127WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBS01

Manual Integrations
 APPROVED

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 1/28/2021 2:13:54 PM

Quant Time: Jan 28 02:10:13 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	172828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	310283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	274222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	115341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	109405	48.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.24%		
35) Dibromofluoromethane	7.547	113	89473	48.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.32%		
50) Toluene-d8	10.055	98	353248	48.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.74%		
62) 4-Bromofluorobenzene	12.373	95	130177	50.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	37834	19.54	ug/l	95
3) Chloromethane	2.036	50	54761	19.25	ug/l	100
4) Vinyl Chloride	2.168	62	55137	19.14	ug/l	98
5) Bromomethane	2.541	94	34427	20.65	ug/l	100
6) Chloroethane	2.682	64	31984	19.19	ug/l	96
7) Trichlorofluoromethane	2.994	101	58380	19.38	ug/l	99
8) Diethyl Ether	3.377	74	27492	19.15	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.717	101	36420	19.93	ug/l	93
10) Methyl Iodide	3.907	142	50302	18.78	ug/l	97
11) Tert butyl alcohol	4.753	59	39018	91.61	ug/l	98
12) 1,1-Dichloroethene	3.695	96	38627	18.36	ug/l	92
13) Acrolein	3.566	56	32926	101.07	ug/l	98
14) Allyl chloride	4.274	41	77222	19.80	ug/l	92
15) Acrylonitrile	4.936	53	104849	94.50	ug/l	98
16) Acetone	3.779	43	81797	92.41	ug/l	98
17) Carbon Disulfide	4.004	76	115631	17.46	ug/l	98
18) Methyl Acetate	4.283	43	45991	18.54	ug/l	98
19) Methyl tert-butyl Ether	4.994	73	133171	18.96	ug/l	95
20) Methylene Chloride	4.499	84	46128	18.82	ug/l	94
21) trans-1,2-Dichloroethene	4.984	96	40716	18.21	ug/l	88
22) Diisopropyl ether	5.904	45	155210	19.47	ug/l	97
23) Vinyl Acetate	5.843	43	622010	97.67	ug/l	97
24) 1,1-Dichloroethane	5.795	63	84108	19.79	ug/l	98
25) 2-Butanone	6.791	43	131332	94.62	ug/l	95
26) 2,2-Dichloropropane	6.772	77	65495	19.26	ug/l	97
27) cis-1,2-Dichloroethene	6.775	96	48439	18.91	ug/l	90
28) Bromochloromethane	7.145	49	33371	18.69	ug/l #	80
29) Tetrahydrofuran	7.171	42	91978	91.37	ug/l	95
30) Chloroform	7.328	83	75429	19.27	ug/l	96
31) Cyclohexane	7.608	56	81358	19.03	ug/l	93
32) 1,1,1-Trichloroethane	7.528	97	61054	19.16	ug/l	97
36) 1,1-Dichloropropene	7.749	75	60501	19.38	ug/l	97
37) Ethyl Acetate	6.885	43	57426	19.17	ug/l	98
38) Carbon Tetrachloride	7.730	117	50133	19.50	ug/l	98
39) Methylcyclohexane	9.042	83	72742	19.09	ug/l	94
40) Benzene	7.997	78	186572	19.57	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	27846	17.31	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	58017	20.18	ug/l	99
43) Isopropyl Acetate	8.126	43	99436	18.72	ug/l #	91
44) Trichloroethene	8.798	130	44312	19.15	ug/l	92
45) 1,2-Dichloropropane	9.081	63	51398	19.59	ug/l	100
46) Dibromomethane	9.171	93	28461	19.64	ug/l	91
47) Bromodichloromethane	9.367	83	60048	19.31	ug/l	98
48) Methyl methacrylate	9.164	41	47345	18.79	ug/l	92
49) 1,4-Dioxane	9.171	88	15570	381.86	ug/l	93
51) 4-Methyl-2-Pentanone	9.949	43	282265	96.40	ug/l	100
52) Toluene	10.119	92	110285	19.53	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	69309	19.14	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	77209	19.14	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	41805	19.41	ug/l	94
56) Ethyl methacrylate	10.396	69	68827	19.32	ug/l	93
57) 1,3-Dichloropropane	10.675	76	76019	20.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	151262	91.93	ug/l	92
59) 2-Hexanone	10.720	43	196044	96.43	ug/l	99
60) Dibromochloromethane	10.868	129	41625	18.90	ug/l	99
61) 1,2-Dibromoethane	10.974	107	41483	19.32	ug/l	99
64) Tetrachloroethene	10.598	164	43897	19.10	ug/l	97
65) Chlorobenzene	11.402	112	110169	19.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	37694	18.59	ug/l	96
67) Ethyl Benzene	11.479	91	209336	19.43	ug/l	97
68) m/p-Xylenes	11.589	106	151365	38.80	ug/l	95
69) o-Xylene	11.916	106	73380	19.41	ug/l	94
70) Styrene	11.933	104	122216	19.64	ug/l	98
71) Bromoform	12.097	173	26437	18.86	ug/l #	100
73) Isopropylbenzene	12.219	105	194191	19.23	ug/l	99
74) N-amyl acetate	12.042	43	80287	18.79	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	55785	18.70	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	54922m	18.21	ug/l	
77) Bromobenzene	12.495	156	41822	19.13	ug/l	75
78) n-propylbenzene	12.560	91	222465	18.69	ug/l	98
79) 2-Chlorotoluene	12.643	91	133166	18.84	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	163395	19.00	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	21468	18.23	ug/l	92
82) 4-Chlorotoluene	12.743	91	135692	18.80	ug/l	95
83) tert-Butylbenzene	12.965	119	133266	18.59	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	163257	19.04	ug/l	100
85) sec-Butylbenzene	13.142	105	180257	18.62	ug/l	97
86) p-Isopropyltoluene	13.257	119	161787	18.93	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	73683	18.90	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	72801	18.40	ug/l	96
89) n-Butylbenzene	13.585	91	140206	18.26	ug/l	97
90) Hexachloroethane	13.842	117	27055	18.09	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	74065	19.15	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	10517	17.77	ug/l	88
93) 1,2,4-Trichlorobenzene	14.878	180	36451	17.87	ug/l	99
94) Hexachlorobutadiene	14.977	225	16962	17.88	ug/l	99
95) Naphthalene	15.100	128	109035	17.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	36141	17.61	ug/l	100

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

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