

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050872.D
 Acq On : 24 Aug 2018 13:14
 Operator : MD\SY
 Sample : VN0824MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2018 1:18:49 PM

Quant Time: Aug 24 23:16:30 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	831342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	387502	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.59	113	365861	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.09	98	1387813	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	430522	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174701	20.225	ug/l	98
3) Chloromethane	2.06	50	196067	18.403	ug/l	99
4) Vinyl Chloride	2.18	62	190355	18.861	ug/l	96
5) Bromomethane	2.56	94	107431	18.046	ug/l	97
6) Chloroethane	2.70	64	107562	18.446	ug/l	100
7) Trichlorofluoromethane	3.01	101	247336	19.139	ug/l	100
8) Diethyl Ether	3.41	74	82325	18.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	149234	18.483	ug/l	99
10) Methyl Iodide	3.95	142	113333	20.307	ug/l	99
11) Tert butyl alcohol	4.79	59	46460	93.896	ug/l	99
12) 1,1-Dichloroethene	3.74	96	135221	18.653	ug/l	96
13) Acrolein	3.61	56	21050	85.546	ug/l	98
14) Allyl chloride	4.32	41	208640	18.470	ug/l	100
15) Acrylonitrile	4.99	53	241724	96.127	ug/l	100
16) Acetone	3.82	43	162352	83.529	ug/l	99
17) Carbon Disulfide	4.05	76	407948	16.786	ug/l	100
18) Methyl Acetate	4.33	43	145590	19.842	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	355591	19.501	ug/l	98
20) Methylene Chloride	4.55	84	159533	18.216	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	144735	18.459	ug/l	99
22) Diisopropyl ether	5.95	45	452465	20.099	ug/l	96
23) Vinyl Acetate	5.90	43	1381581	95.296	ug/l	100
24) 1,1-Dichloroethane	5.85	63	275119	19.036	ug/l	99
25) 2-Butanone	6.84	43	256078	81.778	ug/l	97
26) 2,2-Dichloropropane	6.83	77	208401	17.945	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163067	19.291	ug/l	98
28) Bromochloromethane	7.20	49	109893	17.894	ug/l	98
29) Tetrahydrofuran	7.22	42	171923	95.760	ug/l	99
30) Chloroform	7.37	83	272590	19.047	ug/l	99
31) Cyclohexane	7.66	56	240194	18.579	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	229318	18.654	ug/l	99
36) 1,1-Dichloropropene	7.80	75	204148	18.576	ug/l	99
37) Ethyl Acetate	6.93	43	120824	19.139	ug/l	99
38) Carbon Tetrachloride	7.77	117	203194	18.291	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215984	18.166	ug/l	99
40) Benzene	8.04	78	635099	19.165	ug/l	99
41) Methacrylonitrile	7.17	41	57188	16.739	ug/l	91
42) 1,2-Dichloroethane	8.13	62	185101	18.682	ug/l	100
43) Isopropyl Acetate	8.17	43	213306	19.652	ug/l	99
44) Trichloroethene	8.84	130	162686	18.614	ug/l	99
45) 1,2-Dichloropropane	9.12	63	164965	18.940	ug/l	99
46) Dibromomethane	9.21	93	97733	19.098	ug/l	99
47) Bromodichloromethane	9.40	83	202661	18.907	ug/l	99
48) Methyl methacrylate	9.20	41	102507	18.531	ug/l	98
49) 1,4-Dioxane	9.20	88	29221	387.496	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	596732	92.127	ug/l	100
52) Toluene	10.16	92	381521	19.434	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	194489	18.229	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	227278	18.603	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	138811	19.051	ug/l	99
56) Ethyl methacrylate	10.43	69	154601	17.894	ug/l	98
57) 1,3-Dichloropropane	10.71	76	229807	19.108	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	348844	92.441	ug/l	99
59) 2-Hexanone	10.75	43	370725	85.974	ug/l	100
60) Dibromochloromethane	10.90	129	151215	18.535	ug/l	98
61) 1,2-Dibromoethane	11.01	107	132222	18.766	ug/l	99
64) Tetrachloroethene	10.63	164	152005	19.250	ug/l	99
65) Chlorobenzene	11.43	112	411654	18.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152135	19.135	ug/l	98
67) Ethyl Benzene	11.51	91	676418	19.148	ug/l	100
68) m/p-Xylenes	11.62	106	530533	39.566	ug/l	100
69) o-Xylene	11.95	106	252172	19.562	ug/l	100
70) Styrene	11.97	104	387421	17.890	ug/l	98
71) Bromoform	12.13	173	102619	18.769	ug/l #	100
73) Isopropylbenzene	12.25	105	665630	20.789	ug/l	98
74) N-amyl acetate	12.07	43	155240	19.297	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	166750	20.892	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144613m	21.353	ug/l	
77) Bromobenzene	12.53	156	169563	19.486	ug/l	100
78) n-propylbenzene	12.59	91	734162	20.526	ug/l	99
79) 2-Chlorotoluene	12.68	91	452310	20.302	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	539822	20.895	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36389	18.164	ug/l	94
82) 4-Chlorotoluene	12.77	91	442752	20.130	ug/l	99
83) tert-Butylbenzene	12.99	119	469318	20.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	541357	20.832	ug/l	100
85) sec-Butylbenzene	13.17	105	606425	20.684	ug/l	100
86) p-Isopropyltoluene	13.29	119	511310	20.467	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276743	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268636	18.484	ug/l	99
89) n-Butylbenzene	13.62	91	369098	18.473	ug/l	99
90) Hexachloroethane	13.88	117	94696	20.001	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	272519	19.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21521	18.716	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101047	16.604	ug/l	99
94) Hexachlorobutadiene	15.01	225	83291	19.029	ug/l	98
95) Naphthalene	15.13	128	192700	16.526	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	105271	17.450	ug/l	99

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

