

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050458.D
 Acq On : 8 Aug 2018 14:50
 Operator : MD\SY
 Sample : VN0808MBSD01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 1:32:15 PM

Quant Time: Aug 09 01:04:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	759232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1139267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1028169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	510793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	475805	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	7.59	113	434489	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
50) Toluene-d8	10.09	98	1641803	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.40	95	549118	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158320	18.79	ug/l	100
3) Chloromethane	2.06	50	195914	18.76	ug/l	100
4) Vinyl Chloride	2.18	62	209591	19.21	ug/l	98
5) Bromomethane	2.56	94	119926	22.77	ug/l	99
6) Chloroethane	2.70	64	128952	19.18	ug/l	97
7) Trichlorofluoromethane	3.01	101	274579	19.49	ug/l	99
8) Diethyl Ether	3.41	74	100387	19.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	163591	18.79	ug/l	98
10) Methyl Iodide	3.95	142	87439	22.79	ug/l	97
11) Tert butyl alcohol	4.79	59	69045	84.73	ug/l	99
12) 1,1-Dichloroethene	3.73	96	157242	19.16	ug/l	96
13) Acrolein	3.61	56	68019	75.33	ug/l	99
14) Allyl chloride	4.32	41	240141	18.22	ug/l	98
15) Acrylonitrile	5.00	53	298901	87.57	ug/l	99
16) Acetone	3.82	43	268554	88.54	ug/l	97
17) Carbon Disulfide	4.05	76	449490	16.84	ug/l	99
18) Methyl Acetate	4.33	43	147192	18.60	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	458766	19.69	ug/l	98
20) Methylene Chloride	4.55	84	182673	18.78	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	168287	18.95	ug/l	96
22) Diisopropyl ether	5.96	45	528698	19.63	ug/l	96
23) Vinyl Acetate	5.90	43	1809643	94.19	ug/l	99
24) 1,1-Dichloroethane	5.85	63	314180	19.01	ug/l	98
25) 2-Butanone	6.84	43	431855	85.91	ug/l	99
26) 2,2-Dichloropropane	6.83	77	241557	17.73	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	193062	19.61	ug/l	98
28) Bromochloromethane	7.20	49	141225	18.57	ug/l	95
29) Tetrahydrofuran	7.22	42	232165	86.29	ug/l	99
30) Chloroform	7.37	83	321678	19.47	ug/l	100
31) Cyclohexane	7.66	56	278302	18.74	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	275667	19.43	ug/l	99
36) 1,1-Dichloropropene	7.80	75	239361	19.12	ug/l	100
37) Ethyl Acetate	6.93	43	156052	17.31	ug/l	100
38) Carbon Tetrachloride	7.77	117	244165	18.70	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	247583	18.12	ug/l	98
40) Benzene	8.04	78	734577	19.09	ug/l	99
41) Methacrylonitrile	7.18	41	82108	17.13	ug/l	83
42) 1,2-Dichloroethane	8.13	62	232271	19.01	ug/l	99
43) Isopropyl Acetate	8.17	43	274624	17.65	ug/l	95
44) Trichloroethene	8.84	130	199085	19.25	ug/l	97
45) 1,2-Dichloropropane	9.12	63	186900	18.47	ug/l	98
46) Dibromomethane	9.21	93	117493	18.81	ug/l	97
47) Bromodichloromethane	9.41	83	242102	18.71	ug/l	99
48) Methyl methacrylate	9.20	41	136886	17.55	ug/l	98
49) 1,4-Dioxane	9.20	88	40363	335.73	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	992039	88.52	ug/l	99
52) Toluene	10.16	92	458565	19.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	240153	18.48	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	277543	19.14	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	170837	18.93	ug/l	99
56) Ethyl methacrylate	10.43	69	215729	18.02	ug/l	98
57) 1,3-Dichloropropane	10.71	76	282167	19.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	494560	88.02	ug/l	98
59) 2-Hexanone	10.75	43	653395	83.54	ug/l	98
60) Dibromochloromethane	10.90	129	182965	18.40	ug/l	98
61) 1,2-Dibromoethane	11.01	107	169330	19.04	ug/l	99
64) Tetrachloroethene	10.63	164	195260	20.32	ug/l	98
65) Chlorobenzene	11.44	112	504008	19.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	181330	19.33	ug/l	97
67) Ethyl Benzene	11.51	91	836875	20.09	ug/l	99
68) m/p-Xylenes	11.62	106	649455	40.94	ug/l	99
69) o-Xylene	11.95	106	314128	20.56	ug/l	99
70) Styrene	11.97	104	500393	20.14	ug/l	100
71) Bromoform	12.13	173	127030	18.53	ug/l #	99
73) Isopropylbenzene	12.25	105	829188	21.63	ug/l	100
74) N-amyl acetate	12.07	43	231430	18.62	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	208383	18.84	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	179079m	19.37	ug/l	
77) Bromobenzene	12.53	156	214915	20.92	ug/l	98
78) n-propylbenzene	12.59	91	906882	20.90	ug/l	99
79) 2-Chlorotoluene	12.68	91	561069	20.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	668683	21.48	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50133	19.05	ug/l	96
82) 4-Chlorotoluene	12.77	91	560741	20.98	ug/l	100
83) tert-Butylbenzene	12.99	119	580719	21.39	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	685303	21.73	ug/l	99
85) sec-Butylbenzene	13.17	105	736333	20.35	ug/l	100
86) p-Isopropyltoluene	13.29	119	639046	20.60	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	365137	19.96	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	354333	19.39	ug/l	98
89) n-Butylbenzene	13.62	91	494809	18.74	ug/l	99
90) Hexachloroethane	13.88	117	103613	18.79	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	359069	19.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31677	16.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	169655	18.16	ug/l	98
94) Hexachlorobutadiene	15.01	225	107040	19.99	ug/l	97
95) Naphthalene	15.14	128	390244	18.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	166206	17.60	ug/l	99

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

