

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049738.D
 Acq On : 6 Jul 2018 14:54
 Operator : MD\SY
 Sample : VN0706MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 6:00:32 PM

Quant Time: Jul 06 17:04:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 06 11:12:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1029386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1571174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1399011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	749261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	508295	37.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.78%	
35) Dibromofluoromethane	7.59	113	422226	35.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.90%	
50) Toluene-d8	10.09	98	1601543	34.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.66%	
62) 4-Bromofluorobenzene	12.40	95	565110	36.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	228360	19.685	ug/l	97
3) Chloromethane	2.06	50	310880	21.456	ug/l	99
4) Vinyl Chloride	2.18	62	332187	21.347	ug/l	98
5) Bromomethane	2.56	94	150979	18.470	ug/l	97
6) Chloroethane	2.70	64	208516	21.170	ug/l	98
7) Trichlorofluoromethane	3.01	101	440742	24.795	ug/l	98
8) Diethyl Ether	3.41	74	157869	21.911	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	272861	21.336	ug/l	100
10) Methyl Iodide	3.94	142	315267	19.698	ug/l	99
11) Tert butyl alcohol	4.80	59	101391	129.976	ug/l	98
12) 1,1-Dichloroethene	3.73	96	254367	21.039	ug/l	99
13) Acrolein	3.61	56	113103	155.222	ug/l	100
14) Allyl chloride	4.32	41	390614	23.520	ug/l	99
15) Acrylonitrile	5.00	53	482298	119.708	ug/l	100
16) Acetone	3.82	43	378856	135.101	ug/l	99
17) Carbon Disulfide	4.04	76	660481	19.630	ug/l	97
18) Methyl Acetate	4.33	43	268870	18.940	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	695755	22.323	ug/l	99
20) Methylene Chloride	4.55	84	364483	26.038	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	260287	20.918	ug/l	99
22) Diisopropyl ether	5.96	45	834665	22.214	ug/l	98
23) Vinyl Acetate	5.90	43	2463578	101.108	ug/l	99
24) 1,1-Dichloroethane	5.85	63	513135	21.678	ug/l	99
25) 2-Butanone	6.84	43	557298	123.490	ug/l	100
26) 2,2-Dichloropropane	6.83	77	395541	20.119	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	301170	21.668	ug/l	98
28) Bromochloromethane	7.20	49	210507	20.953	ug/l	99
29) Tetrahydrofuran	7.22	42	350692	121.922	ug/l	99
30) Chloroform	7.37	83	526617	21.825	ug/l	99
31) Cyclohexane	7.65	56	420730	20.295	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	445526	21.809	ug/l	99
36) 1,1-Dichloropropene	7.80	75	370899	20.982	ug/l	98
37) Ethyl Acetate	6.93	43	245413	23.803	ug/l	99
38) Carbon Tetrachloride	7.77	117	350894	20.407	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	385211	19.876	ug/l	97
40) Benzene	8.04	78	1167179	21.624	ug/l	99
41) Methacrylonitrile	7.18	41	110960	19.092	ug/l #	86
42) 1,2-Dichloroethane	8.13	62	380511	22.090	ug/l	98
43) Isopropyl Acetate	8.17	43	477022	22.989	ug/l	99
44) Trichloroethene	8.84	130	337785	20.751	ug/l	99
45) 1,2-Dichloropropane	9.12	63	308564	22.127	ug/l	97
46) Dibromomethane	9.21	93	189918	22.512	ug/l	98
47) Bromodichloromethane	9.40	83	397779	22.149	ug/l	100
48) Methyl methacrylate	9.20	41	214044	23.362	ug/l	100
49) 1,4-Dioxane	9.21	88	62417	506.744	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1247038	123.364	ug/l	99
52) Toluene	10.16	92	709336	21.753	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	359478	20.904	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	425931	21.192	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	273924	22.561	ug/l	99
56) Ethyl methacrylate	10.43	69	323376	22.722	ug/l	99
57) 1,3-Dichloropropane	10.71	76	447761	22.743	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	644734	93.980	ug/l	100
59) 2-Hexanone	10.75	43	817662	122.325	ug/l	98
60) Dibromochloromethane	10.90	129	293174	22.341	ug/l	99
61) 1,2-Dibromoethane	11.01	107	262625	22.575	ug/l	100
64) Tetrachloroethene	10.63	164	411528	21.724	ug/l	99
65) Chlorobenzene	11.44	112	760431	20.836	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	280969	21.426	ug/l	100
67) Ethyl Benzene	11.51	91	1263989	20.952	ug/l	99
68) m/p-Xylenes	11.62	106	1015617	43.928	ug/l	100
69) o-Xylene	11.95	106	487232	22.011	ug/l	98
70) Styrene	11.97	104	788377	22.012	ug/l	99
71) Bromoform	12.13	173	193862	22.248	ug/l #	99
73) Isopropylbenzene	12.25	105	1272341	21.319	ug/l	99
74) N-amyl acetate	12.07	43	359805	22.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	326999	25.704	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	294224m	24.485	ug/l	
77) Bromobenzene	12.53	156	333136	20.527	ug/l	100
78) n-propylbenzene	12.59	91	1473393	21.541	ug/l	100
79) 2-Chlorotoluene	12.68	91	909685	21.014	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1106582	22.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70263	19.860	ug/l	94
82) 4-Chlorotoluene	12.78	91	912289	20.959	ug/l	100
83) tert-Butylbenzene	13.00	119	929177	21.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1131944	22.212	ug/l	100
85) sec-Butylbenzene	13.17	105	1248490	22.118	ug/l	100
86) p-Isopropyltoluene	13.29	119	1076568	22.019	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	596257	21.374	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	575027	21.046	ug/l	99
89) n-Butylbenzene	13.62	91	829902	19.827	ug/l	98
90) Hexachloroethane	13.88	117	100398	19.549	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	595618	21.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49745	23.347	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	220893	17.635	ug/l	98
94) Hexachlorobutadiene	15.01	225	181503	21.537	ug/l	100
95) Naphthalene	15.14	128	461287	17.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	239906	19.345	ug/l	99

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

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