

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051052.D
 Acq On : 7 Sep 2018 14:36
 Operator : MD\SY
 Sample : VN0907MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:41 AM

Quant Time: Sep 08 00:26:34 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	598464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	789672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	351053	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	334969	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	1262554	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	418652	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	168323	21.02	ug/l	99
3) Chloromethane	2.06	50	175817	17.80	ug/l	100
4) Vinyl Chloride	2.18	62	181030	19.35	ug/l	100
5) Bromomethane	2.56	94	102694	18.64	ug/l	98
6) Chloroethane	2.70	64	105129	19.44	ug/l	99
7) Trichlorofluoromethane	3.01	101	241074	20.12	ug/l	99
8) Diethyl Ether	3.41	74	86646	21.27	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	146397	19.56	ug/l	98
10) Methyl Iodide	3.95	142	104176	20.19	ug/l	100
11) Tert butyl alcohol	4.79	59	58260	126.99	ug/l	99
12) 1,1-Dichloroethene	3.73	96	136903	20.37	ug/l	95
13) Acrolein	3.61	56	21303	91.73	ug/l	96
14) Allyl chloride	4.32	41	205316	19.60	ug/l	98
15) Acrylonitrile	4.99	53	262043	112.39	ug/l	99
16) Acetone	3.82	43	184066	103.76	ug/l	96
17) Carbon Disulfide	4.05	76	407569	18.09	ug/l	100
18) Methyl Acetate	4.33	43	153383	22.55	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	370686	21.92	ug/l	99
20) Methylene Chloride	4.55	84	157501	19.40	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	142427	19.59	ug/l	98
22) Diisopropyl ether	5.95	45	429867	20.59	ug/l	97
23) Vinyl Acetate	5.90	43	1390080	103.41	ug/l	99
24) 1,1-Dichloroethane	5.85	63	261271	19.50	ug/l	100
25) 2-Butanone	6.84	43	294906	101.57	ug/l	99
26) 2,2-Dichloropropane	6.83	77	201423	18.71	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	155377	19.82	ug/l	99
28) Bromochloromethane	7.20	49	102407	17.98	ug/l	96
29) Tetrahydrofuran	7.22	42	201985	121.34	ug/l	99
30) Chloroform	7.37	83	262081	19.75	ug/l	100
31) Cyclohexane	7.65	56	236220	19.68	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	221484	19.43	ug/l	99
36) 1,1-Dichloropropene	7.79	75	196281	19.42	ug/l	99
37) Ethyl Acetate	6.93	43	133857	23.06	ug/l	99
38) Carbon Tetrachloride	7.78	117	198246	19.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211963	19.39	ug/l	99
40) Benzene	8.04	78	618600	20.30	ug/l	100
41) Methacrylonitrile	7.18	41	62105	19.77	ug/l	91
42) 1,2-Dichloroethane	8.13	62	184292	20.23	ug/l	98
43) Isopropyl Acetate	8.17	43	224366	22.48	ug/l #	88
44) Trichloroethene	8.84	130	164028	20.41	ug/l	94
45) 1,2-Dichloropropane	9.12	63	157013	19.60	ug/l	99
46) Dibromomethane	9.21	93	96809	20.57	ug/l	97
47) Bromodichloromethane	9.40	83	195424	19.83	ug/l	96
48) Methyl methacrylate	9.20	41	111771	21.97	ug/l	99
49) 1,4-Dioxane	9.20	88	35821	516.58	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	660268	110.85	ug/l	99
52) Toluene	10.16	92	379383	21.02	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	194440	19.82	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	226010	20.12	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139862	20.87	ug/l	99
56) Ethyl methacrylate	10.43	69	171973	21.15	ug/l	96
57) 1,3-Dichloropropane	10.71	76	232785	21.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	323109	93.02	ug/l	98
59) 2-Hexanone	10.75	43	435412	109.81	ug/l	99
60) Dibromochloromethane	10.90	129	151532	20.20	ug/l	99
61) 1,2-Dibromoethane	11.01	107	139284	21.50	ug/l	100
64) Tetrachloroethene	10.63	164	149609	19.95	ug/l	100
65) Chlorobenzene	11.44	112	413895	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	151793	20.10	ug/l	100
67) Ethyl Benzene	11.51	91	678932	20.23	ug/l	99
68) m/p-Xylenes	11.62	106	534764	41.99	ug/l	99
69) o-Xylene	11.95	106	263785	21.54	ug/l	99
70) Styrene	11.96	104	407271	19.66	ug/l	99
71) Bromoform	12.13	173	109369	21.06	ug/l #	99
73) Isopropylbenzene	12.25	105	693911	21.37	ug/l	100
74) N-amyl acetate	12.07	43	225975	27.70	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	189479	23.62	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	146013m	21.26	ug/l	
77) Bromobenzene	12.53	156	178206	20.20	ug/l	99
78) n-propylbenzene	12.59	91	794594	21.91	ug/l	99
79) 2-Chlorotoluene	12.67	91	461194	20.42	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	562224	21.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	44451	21.88	ug/l	93
82) 4-Chlorotoluene	12.77	91	457519	20.52	ug/l	99
83) tert-Butylbenzene	12.99	119	505862	22.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	573688	21.77	ug/l	100
85) sec-Butylbenzene	13.17	105	644378	21.68	ug/l	99
86) p-Isopropyltoluene	13.29	119	559337	22.08	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	298475	19.93	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	289040	19.61	ug/l	98
89) n-Butylbenzene	13.62	91	427507	21.10	ug/l	99
90) Hexachloroethane	13.88	117	98297	20.47	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	294273	20.37	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25742	22.08	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	123271	19.15	ug/l	98
94) Hexachlorobutadiene	15.01	225	93498	21.19	ug/l	99
95) Naphthalene	15.13	128	251518	19.72	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	125612	19.95	ug/l	99

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

