

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051784.D
 Acq On : 10 Oct 2018 12:26
 Operator : MD\SY
 Sample : VN1010MBSD02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:51:15 PM

Quant Time: Oct 11 02:23:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	711595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	973268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444971	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	7.59	113	422336	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
50) Toluene-d8	10.09	98	1539468	51.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	512955	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	160599	18.780	ug/l	100
3) Chloromethane	2.06	50	144887	17.841	ug/l	99
4) Vinyl Chloride	2.18	62	217598	17.010	ug/l	99
5) Bromomethane	2.56	94	194255	19.746	ug/l	98
6) Chloroethane	2.70	64	150768	17.536	ug/l	99
7) Trichlorofluoromethane	3.01	101	284286	20.550	ug/l	98
8) Diethyl Ether	3.41	74	75562	20.270	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141674	19.926	ug/l	96
10) Methyl Iodide	3.95	142	177081	20.294	ug/l	100
11) Tert butyl alcohol	4.79	59	62388m	97.653	ug/l	
12) 1,1-Dichloroethene	3.74	96	130458	19.686	ug/l	93
13) Acrolein	3.61	56	22737	47.264	ug/l	96
14) Allyl chloride	4.33	41	167732	16.595	ug/l	96
15) Acrylonitrile	4.99	53	217022	98.440	ug/l	99
16) Acetone	3.82	43	176681	100.990	ug/l	97
17) Carbon Disulfide	4.05	76	321376	15.955	ug/l	97
18) Methyl Acetate	4.33	43	112791	21.738	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	420296	19.215	ug/l	98
20) Methylene Chloride	4.55	84	152125	19.669	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	149642	19.056	ug/l	85
22) Diisopropyl ether	5.96	45	377813	17.438	ug/l	97
23) Vinyl Acetate	5.90	43	1362470	85.525	ug/l	95
24) 1,1-Dichloroethane	5.85	63	255215	18.316	ug/l	97
25) 2-Butanone	6.84	43	261689	96.404	ug/l	93
26) 2,2-Dichloropropane	6.83	77	261828	18.751	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	177645	19.487	ug/l	94
28) Bromochloromethane	7.20	49	108413	17.574	ug/l	87
29) Tetrahydrofuran	7.22	42	158350	95.059	ug/l	91
30) Chloroform	7.37	83	302165	19.301	ug/l	98
31) Cyclohexane	7.66	56	219735	17.219	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	287218	18.927	ug/l	98
36) 1,1-Dichloropropene	7.80	75	207811	19.085	ug/l	98
37) Ethyl Acetate	6.93	43	112137	19.746	ug/l	99
38) Carbon Tetrachloride	7.78	117	253766	19.422	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	261182	19.108	ug/l	96
40) Benzene	8.05	78	629318	19.496	ug/l	97
41) Methacrylonitrile	7.18	41	57281	19.393	ug/l	97
42) 1,2-Dichloroethane	8.13	62	210897	19.387	ug/l	99
43) Isopropyl Acetate	8.17	43	227062	19.177	ug/l #	87
44) Trichloroethene	8.84	130	191496	20.893	ug/l	99
45) 1,2-Dichloropropane	9.12	63	152657	19.128	ug/l	97
46) Dibromomethane	9.21	93	114929	20.718	ug/l	98
47) Bromodichloromethane	9.41	83	232951	19.076	ug/l	97
48) Methyl methacrylate	9.20	41	101232	18.711	ug/l	95
49) 1,4-Dioxane	9.20	88	36257	446.913	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	595280	99.216	ug/l	97
52) Toluene	10.16	92	422136	19.662	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227257	18.035	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	250388	18.712	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	158190	20.684	ug/l	99
56) Ethyl methacrylate	10.43	69	193871	20.045	ug/l	96
57) 1,3-Dichloropropane	10.71	76	248298	20.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	364081	90.955	ug/l	95
59) 2-Hexanone	10.75	43	400229	98.223	ug/l	98
60) Dibromochloromethane	10.90	129	191933	19.177	ug/l	100
61) 1,2-Dibromoethane	11.01	107	165284	20.443	ug/l	99
64) Tetrachloroethene	10.63	164	181737	21.165	ug/l	98
65) Chlorobenzene	11.44	112	491088	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	187903	19.469	ug/l	99
67) Ethyl Benzene	11.51	91	824783	19.796	ug/l	100
68) m/p-Xylenes	11.62	106	647579	38.846	ug/l	99
69) o-Xylene	11.95	106	322401	19.721	ug/l	100
70) Styrene	11.96	104	487882	18.728	ug/l	99
71) Bromoform	12.13	173	123661	17.226	ug/l #	98
73) Isopropylbenzene	12.25	105	868146	20.794	ug/l	100
74) N-amyl acetate	12.07	43	175104	18.206	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	193836	21.760	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	168747m	25.738	ug/l	
77) Bromobenzene	12.53	156	211970	20.765	ug/l	97
78) n-propylbenzene	12.59	91	911841	20.024	ug/l	99
79) 2-Chlorotoluene	12.68	91	551609	20.554	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	715797	20.344	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49360	18.526	ug/l	97
82) 4-Chlorotoluene	12.77	91	545148	20.220	ug/l	100
83) tert-Butylbenzene	12.99	119	660682	20.956	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	721618	20.476	ug/l	99
85) sec-Butylbenzene	13.17	105	858665	20.590	ug/l	99
86) p-Isopropyltoluene	13.29	119	756354	20.459	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	365288	20.536	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	359256	20.519	ug/l	99
89) n-Butylbenzene	13.62	91	572281	19.578	ug/l	99
90) Hexachloroethane	13.88	117	132390	17.948	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	366866	20.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29354	20.015	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	159666	20.291	ug/l	99
94) Hexachlorobutadiene	15.01	225	114847	21.512	ug/l	99
95) Naphthalene	15.14	128	340508	20.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	166551	21.492	ug/l	100

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

