

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051735.D
 Acq On : 8 Oct 2018 14:59
 Operator : MD\SY
 Sample : VN1008MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008MBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:39 AM

Quant Time: Oct 09 05:14:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	812245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	425442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	380652	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	
35) Dibromofluoromethane	7.59	113	342477	50.79	ug/l	0.00
Spiked Amount						
			Recovery	=	101.58%	
50) Toluene-d8	10.09	98	1266775	50.36	ug/l	0.00
Spiked Amount						
			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	419933	47.16	ug/l	0.00
Spiked Amount						
			Recovery	=	94.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	156297	22.473	ug/l	99
3) Chloromethane	2.06	50	136901	20.950	ug/l	100
4) Vinyl Chloride	2.18	62	208442	20.249	ug/l	99
5) Bromomethane	2.56	94	169160	21.369	ug/l	98
6) Chloroethane	2.70	64	138167	19.971	ug/l	97
7) Trichlorofluoromethane	3.01	101	251489	22.729	ug/l	97
8) Diethyl Ether	3.41	74	66324	22.110	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121010	21.150	ug/l	97
10) Methyl Iodide	3.95	142	135409	19.401	ug/l	99
11) Tert butyl alcohol	4.79	59	55861	108.658	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	113074	21.204	ug/l	94
13) Acrolein	3.61	56	28787	89.629	ug/l	99
14) Allyl chloride	4.32	41	154316	18.973	ug/l	99
15) Acrylonitrile	4.99	53	184573	104.041	ug/l	99
16) Acetone	3.82	43	132767	92.946	ug/l	99
17) Carbon Disulfide	4.05	76	307945	18.998	ug/l	100
18) Methyl Acetate	4.33	43	96072	23.010	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	357869	20.331	ug/l	99
20) Methylene Chloride	4.55	84	126796	20.373	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	123372	19.524	ug/l	93
22) Diisopropyl ether	5.96	45	336642	19.309	ug/l	99
23) Vinyl Acetate	5.90	43	1249332	97.457	ug/l	99
24) 1,1-Dichloroethane	5.85	63	215613	19.229	ug/l	98
25) 2-Butanone	6.84	43	214630	98.258	ug/l	96
26) 2,2-Dichloropropane	6.83	77	192536	17.135	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	146471	19.967	ug/l	96
28) Bromochloromethane	7.20	49	89341	17.998	ug/l	96
29) Tetrahydrofuran	7.22	42	139946	104.401	ug/l	97
30) Chloroform	7.37	83	254290	20.185	ug/l	100
31) Cyclohexane	7.65	56	192115	18.709	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	235634	19.297	ug/l	100
36) 1,1-Dichloropropene	7.80	75	174572	19.149	ug/l	99
37) Ethyl Acetate	6.93	43	99584	20.944	ug/l	99
38) Carbon Tetrachloride	7.78	117	208392	19.050	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	216702	18.936	ug/l	98
40) Benzene	8.04	78	532398	19.700	ug/l	99
41) Methacrylonitrile	7.18	41	46272m	18.701	ug/l	
42) 1,2-Dichloroethane	8.13	62	177904	19.533	ug/l	99
43) Isopropyl Acetate	8.17	43	205514	20.731	ug/l	99
44) Trichloroethene	8.84	130	157845	20.570	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130514	19.533	ug/l	99
46) Dibromomethane	9.21	93	92103	19.831	ug/l	99
47) Bromodichloromethane	9.41	83	194031	18.978	ug/l	99
48) Methyl methacrylate	9.20	41	95755	21.139	ug/l	99
49) 1,4-Dioxane	9.20	88	30478	448.717	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	533155	106.137	ug/l	99
52) Toluene	10.16	92	349660	19.453	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	193204	18.314	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	204339	18.240	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	128668	20.094	ug/l	98
56) Ethyl methacrylate	10.43	69	164420	20.305	ug/l	99
57) 1,3-Dichloropropane	10.71	76	205256	20.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	329342	98.272	ug/l	99
59) 2-Hexanone	10.75	43	349848	102.551	ug/l	97
60) Dibromochloromethane	10.90	129	160621	19.168	ug/l	99
61) 1,2-Dibromoethane	11.01	107	136856	20.218	ug/l	99
64) Tetrachloroethene	10.63	164	146765	20.481	ug/l	97
65) Chlorobenzene	11.44	112	393145	19.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156421	19.420	ug/l	98
67) Ethyl Benzene	11.51	91	686790	19.752	ug/l	99
68) m/p-Xylenes	11.62	106	542600	39.002	ug/l	100
69) o-Xylene	11.95	106	270975	19.861	ug/l	100
70) Styrene	11.97	104	418047	19.229	ug/l	99
71) Bromoform	12.13	173	106356	17.752	ug/l #	98
73) Isopropylbenzene	12.25	105	713378	19.671	ug/l	100
74) N-amyl acetate	12.07	43	160268	19.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	156388	19.911	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	129380m	22.193	ug/l	
77) Bromobenzene	12.53	156	171793	19.373	ug/l	98
78) n-propylbenzene	12.59	91	770967	19.490	ug/l	99
79) 2-Chlorotoluene	12.67	91	460275	19.744	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	600907	19.661	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40032	17.297	ug/l	95
82) 4-Chlorotoluene	12.77	91	443301	18.929	ug/l	96
83) tert-Butylbenzene	12.99	119	564965	20.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	616965	20.153	ug/l	100
85) sec-Butylbenzene	13.17	105	715457	19.750	ug/l	100
86) p-Isopropyltoluene	13.29	119	635598	19.792	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	309284	20.016	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	299363	19.683	ug/l	99
89) n-Butylbenzene	13.62	91	483960	19.060	ug/l	99
90) Hexachloroethane	13.88	117	118136	18.438	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	306394	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26924	21.134	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128807	18.845	ug/l	99
94) Hexachlorobutadiene	15.01	225	87890	18.952	ug/l	99
95) Naphthalene	15.13	128	287331	19.466	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	134652	20.003	ug/l	99

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

