

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050812.D
 Acq On : 22 Aug 2018 12:10
 Operator : MD\SY
 Sample : VN0822MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 10:52:30 AM

Quant Time: Aug 23 01:20:42 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	604615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393618	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	371723	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	349677	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1309910	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	416123	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	183053	22.62	ug/l	100
3) Chloromethane	2.06	50	197919	19.83	ug/l	100
4) Vinyl Chloride	2.18	62	198078	20.95	ug/l	99
5) Bromomethane	2.57	94	111986	20.21	ug/l	98
6) Chloroethane	2.70	64	110906	20.30	ug/l	100
7) Trichlorofluoromethane	3.01	101	253854	20.97	ug/l	99
8) Diethyl Ether	3.41	74	84080	20.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	157030	20.76	ug/l	100
10) Methyl Iodide	3.95	142	111241	20.97	ug/l	98
11) Tert butyl alcohol	4.80	59	47374	102.21	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	139869	20.60	ug/l	99
13) Acrolein	3.61	56	24633	102.40	ug/l	99
14) Allyl chloride	4.32	41	210870	19.93	ug/l	98
15) Acrylonitrile	4.99	53	245758	104.33	ug/l	99
16) Acetone	3.82	43	174759	97.07	ug/l	99
17) Carbon Disulfide	4.05	76	437924	19.24	ug/l	98
18) Methyl Acetate	4.33	43	138907	20.21	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	358318	20.98	ug/l	99
20) Methylene Chloride	4.55	84	162584	19.82	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	149031	20.29	ug/l	99
22) Diisopropyl ether	5.96	45	451519	21.41	ug/l	98
23) Vinyl Acetate	5.90	43	1426756	105.06	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279360	20.63	ug/l	100
25) 2-Butanone	6.84	43	271713	92.63	ug/l	98
26) 2,2-Dichloropropane	6.83	77	219005	20.13	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163165	20.61	ug/l	99
28) Bromochloromethane	7.20	49	106696	18.55	ug/l	99
29) Tetrahydrofuran	7.22	42	179003	106.44	ug/l	100
30) Chloroform	7.37	83	278896	20.80	ug/l	99
31) Cyclohexane	7.66	56	244017	20.11	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	236580	20.55	ug/l	100
36) 1,1-Dichloropropene	7.79	75	209417	20.22	ug/l	100
37) Ethyl Acetate	6.93	43	125420	21.08	ug/l	98
38) Carbon Tetrachloride	7.77	117	212650	20.31	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215627	19.24	ug/l	100
40) Benzene	8.04	78	639952	20.49	ug/l	99
41) Methacrylonitrile	7.18	41	63850	19.83	ug/l	95
42) 1,2-Dichloroethane	8.13	62	196734	21.07	ug/l	99
43) Isopropyl Acetate	8.17	43	224990	22.00	ug/l	97
44) Trichloroethene	8.84	130	165607	20.11	ug/l	100
45) 1,2-Dichloropropane	9.12	63	166960	20.34	ug/l	100
46) Dibromomethane	9.21	93	100441	20.83	ug/l	99
47) Bromodichloromethane	9.40	83	207985	20.59	ug/l	98
48) Methyl methacrylate	9.20	41	106892	20.50	ug/l	99
49) 1,4-Dioxane	9.20	88	29761	418.77	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	613023	100.43	ug/l	100
52) Toluene	10.16	92	392540	21.22	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	199179	19.81	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	236829	20.57	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	143055	20.83	ug/l	98
56) Ethyl methacrylate	10.43	69	159400	19.36	ug/l	98
57) 1,3-Dichloropropane	10.71	76	235631	20.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	345499	96.53	ug/l	99
59) 2-Hexanone	10.75	43	391912	96.44	ug/l	100
60) Dibromochloromethane	10.90	129	157910	20.54	ug/l	99
61) 1,2-Dibromoethane	11.01	107	137260	20.67	ug/l	99
64) Tetrachloroethene	10.63	164	149955	19.94	ug/l	97
65) Chlorobenzene	11.44	112	416620	20.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156215	20.63	ug/l	99
67) Ethyl Benzene	11.51	91	679903	20.21	ug/l	99
68) m/p-Xylenes	11.62	106	539991	42.28	ug/l	99
69) o-Xylene	11.95	106	255373	20.80	ug/l	99
70) Styrene	11.96	104	403234	19.43	ug/l	99
71) Bromoform	12.13	173	107418	20.63	ug/l #	99
73) Isopropylbenzene	12.25	105	667967	20.49	ug/l	99
74) N-amyl acetate	12.07	43	168121	20.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175791	21.70	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	153831m	22.31	ug/l	
77) Bromobenzene	12.53	156	176281	19.90	ug/l	100
78) n-propylbenzene	12.59	91	759755	20.87	ug/l	100
79) 2-Chlorotoluene	12.68	91	463813	20.45	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	562501	21.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40912	20.06	ug/l	97
82) 4-Chlorotoluene	12.77	91	463336	20.69	ug/l	100
83) tert-Butylbenzene	12.99	119	464689	20.40	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	559663	21.16	ug/l	98
85) sec-Butylbenzene	13.17	105	620120	20.78	ug/l	100
86) p-Isopropyltoluene	13.29	119	537302	21.13	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	297078	19.76	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	291513	19.70	ug/l	98
89) n-Butylbenzene	13.62	91	390706	19.21	ug/l	99
90) Hexachloroethane	13.88	117	102642	21.28	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	293656	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23348	19.95	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	110796	17.57	ug/l	98
94) Hexachlorobutadiene	15.01	225	88028	19.80	ug/l	99
95) Naphthalene	15.14	128	210713	17.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	116357	18.66	ug/l	99

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

