

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051695.D
 Acq On : 5 Oct 2018 19:07
 Operator : MD\SY
 Sample : VN1006MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 12:50:22 PM

Quant Time: Oct 06 01:37:41 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	482246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	744697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	677762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	316387	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.59	113	285028	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.09	98	1034959	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.40	95	325599	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	129544	22.135	ug/l	99
3) Chloromethane	2.06	50	126893	23.057	ug/l	97
4) Vinyl Chloride	2.18	62	191869	22.132	ug/l	99
5) Bromomethane	2.57	94	140731	21.109	ug/l	98
6) Chloroethane	2.70	64	133134	22.849	ug/l	100
7) Trichlorofluoromethane	3.01	101	213681	22.944	ug/l	100
8) Diethyl Ether	3.41	74	56854	22.505	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	103873	21.557	ug/l	97
10) Methyl Iodide	3.95	142	90908	15.940	ug/l	100
11) Tert butyl alcohol	4.79	59	43656	100.831	ug/l	96
12) 1,1-Dichloroethene	3.74	96	96696	21.531	ug/l	98
13) Acrolein	3.61	56	27394	101.275	ug/l	97
14) Allyl chloride	4.32	41	133979	19.560	ug/l	96
15) Acrylonitrile	4.99	53	152749	102.238	ug/l	98
16) Acetone	3.82	43	117295	98.512	ug/l	99
17) Carbon Disulfide	4.05	76	269573	19.747	ug/l	100
18) Methyl Acetate	4.33	43	76539	21.767	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	297750	20.086	ug/l	100
20) Methylene Chloride	4.55	84	107855	20.577	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	104792	19.691	ug/l	95
22) Diisopropyl ether	5.96	45	299895	20.425	ug/l	98
23) Vinyl Acetate	5.90	43	1090244	100.985	ug/l	99
24) 1,1-Dichloroethane	5.85	63	188363	19.947	ug/l	98
25) 2-Butanone	6.84	43	184420	100.249	ug/l	95
26) 2,2-Dichloropropane	6.82	77	178207	18.832	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	121567	19.677	ug/l	99
28) Bromochloromethane	7.19	49	82629	19.765	ug/l	99
29) Tetrahydrofuran	7.22	42	119555	105.903	ug/l	99
30) Chloroform	7.37	83	210747	19.863	ug/l	99
31) Cyclohexane	7.65	56	168129	19.441	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	199358	19.385	ug/l	99
36) 1,1-Dichloropropene	7.79	75	148991	19.141	ug/l	99
37) Ethyl Acetate	6.93	43	85150	20.974	ug/l	97
38) Carbon Tetrachloride	7.78	117	174787	18.713	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	186919	19.130	ug/l	99
40) Benzene	8.04	78	449270	19.470	ug/l	100
41) Methacrylonitrile	7.18	41	41509m	19.663	ug/l	
42) 1,2-Dichloroethane	8.13	62	153735	19.769	ug/l	99
43) Isopropyl Acetate	8.17	43	180186	21.288	ug/l	96
44) Trichloroethene	8.84	130	125653	19.178	ug/l	98
45) 1,2-Dichloropropane	9.12	63	111779	19.593	ug/l	98
46) Dibromomethane	9.21	93	77159	19.458	ug/l	99
47) Bromodichloromethane	9.41	83	168639	19.318	ug/l	99
48) Methyl methacrylate	9.20	41	82392	21.303	ug/l	94
49) 1,4-Dioxane	9.20	88	23222	400.419	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	450505	105.037	ug/l	97
52) Toluene	10.16	92	289462	18.861	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	161916	17.975	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	177675	18.575	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	106650	19.507	ug/l	98
56) Ethyl methacrylate	10.43	69	135732	19.632	ug/l	95
57) 1,3-Dichloropropane	10.71	76	170695	19.726	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	286152	100.002	ug/l	98
59) 2-Hexanone	10.75	43	292398	100.383	ug/l	95
60) Dibromochloromethane	10.90	129	132486	18.517	ug/l	99
61) 1,2-Dibromoethane	11.01	107	107351	18.574	ug/l	99
64) Tetrachloroethene	10.63	164	118976	19.897	ug/l	97
65) Chlorobenzene	11.43	112	318621	18.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	125842	18.723	ug/l	98
67) Ethyl Benzene	11.51	91	556884	19.194	ug/l	99
68) m/p-Xylenes	11.62	106	433509	37.343	ug/l	99
69) o-Xylene	11.95	106	217581	19.112	ug/l	100
70) Styrene	11.96	104	326337	17.989	ug/l	100
71) Bromoform	12.13	173	87968	17.596	ug/l #	100
73) Isopropylbenzene	12.25	105	575828	20.396	ug/l	99
74) N-amyl acetate	12.07	43	136290	21.485	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	131070	21.758	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	111052m	24.928	ug/l	
77) Bromobenzene	12.53	156	134042	19.417	ug/l	98
78) n-propylbenzene	12.59	91	617456	20.051	ug/l	98
79) 2-Chlorotoluene	12.67	91	359336	19.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	470754	19.786	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	34104	18.928	ug/l	94
82) 4-Chlorotoluene	12.77	91	350975	19.251	ug/l	99
83) tert-Butylbenzene	12.99	119	426059	19.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	469280	19.691	ug/l	99
85) sec-Butylbenzene	13.17	105	565772	20.062	ug/l	99
86) p-Isopropyltoluene	13.29	119	493080	19.723	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	230101	19.129	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	225761	19.068	ug/l	98
89) n-Butylbenzene	13.62	91	382020	19.326	ug/l	98
90) Hexachloroethane	13.87	117	95712	19.188	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	230899	19.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20318	20.486	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	90778	17.060	ug/l	99
94) Hexachlorobutadiene	15.01	225	70010	19.392	ug/l	99
95) Naphthalene	15.13	128	190043	16.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	96996	18.509	ug/l	99

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

