

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050565.D
 Acq On : 13 Aug 2018 13:54
 Operator : MD\SY
 Sample : VN0813MBSD01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:50:57 PM

Quant Time: Aug 14 01:41:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	559063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	835432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	389758	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.59	113	358197	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.09	98	1283771	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	420525	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	111441	17.96	ug/l	99
3) Chloromethane	2.06	50	155590	20.35	ug/l	99
4) Vinyl Chloride	2.18	62	151340	18.84	ug/l	98
5) Bromomethane	2.56	94	91156	23.50	ug/l	98
6) Chloroethane	2.70	64	97583	19.72	ug/l	100
7) Trichlorofluoromethane	3.01	101	202147	19.49	ug/l	98
8) Diethyl Ether	3.41	74	78775	20.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126713	19.76	ug/l	98
10) Methyl Iodide	3.95	142	73103	25.88	ug/l	99
11) Tert butyl alcohol	4.79	59	45458	75.76	ug/l	99
12) 1,1-Dichloroethene	3.74	96	112899	18.68	ug/l	96
13) Acrolein	3.61	56	31352	52.77	ug/l	97
14) Allyl chloride	4.33	41	185191	19.08	ug/l	96
15) Acrylonitrile	4.99	53	238896	95.05	ug/l	98
16) Acetone	3.82	43	211819	94.86	ug/l	99
17) Carbon Disulfide	4.05	76	323649	16.47	ug/l	99
18) Methyl Acetate	4.33	43	124283	21.36	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	347071	20.23	ug/l	99
20) Methylene Chloride	4.55	84	151518	21.35	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	126301	19.31	ug/l	96
22) Diisopropyl ether	5.96	45	439334	22.16	ug/l	99
23) Vinyl Acetate	5.90	43	1407637	99.50	ug/l	99
24) 1,1-Dichloroethane	5.85	63	252187	20.73	ug/l	99
25) 2-Butanone	6.84	43	326076	88.09	ug/l	97
26) 2,2-Dichloropropane	6.83	77	188060	18.75	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	150191	20.72	ug/l	100
28) Bromochloromethane	7.20	49	117861	21.04	ug/l	100
29) Tetrahydrofuran	7.22	42	172976	87.31	ug/l	99
30) Chloroform	7.37	83	258613	21.26	ug/l	100
31) Cyclohexane	7.66	56	194956	17.80	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	206878	19.81	ug/l	100
36) 1,1-Dichloropropene	7.80	75	175829	19.15	ug/l	100
37) Ethyl Acetate	6.93	43	124301	18.80	ug/l	99
38) Carbon Tetrachloride	7.78	117	179137	18.71	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	174798	17.45	ug/l	100
40) Benzene	8.04	78	574147	20.34	ug/l	98
41) Methacrylonitrile	7.17	41	48526	13.81	ug/l	92
42) 1,2-Dichloroethane	8.13	62	188226	21.01	ug/l	100
43) Isopropyl Acetate	8.17	43	211007	18.49	ug/l	98
44) Trichloroethene	8.84	130	144684	19.08	ug/l	97
45) 1,2-Dichloropropane	9.12	63	157190	21.19	ug/l	96
46) Dibromomethane	9.21	93	93727	20.46	ug/l	98
47) Bromodichloromethane	9.40	83	198128	20.88	ug/l	100
48) Methyl methacrylate	9.20	41	102921	18.00	ug/l	98
49) 1,4-Dioxane	9.20	88	28007	317.68	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	753769	91.72	ug/l	100
52) Toluene	10.16	92	350022	20.65	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193530	20.31	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	221567	20.84	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	136492	20.62	ug/l	99
56) Ethyl methacrylate	10.43	69	156637	17.86	ug/l	99
57) 1,3-Dichloropropane	10.71	76	225972	20.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	369254	89.48	ug/l	100
59) 2-Hexanone	10.75	43	485702	84.68	ug/l	100
60) Dibromochloromethane	10.90	129	146750	20.13	ug/l	97
61) 1,2-Dibromoethane	11.01	107	130284	19.97	ug/l	97
64) Tetrachloroethene	10.63	164	135205	18.75	ug/l	99
65) Chlorobenzene	11.44	112	384167	19.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	146228	20.77	ug/l	99
67) Ethyl Benzene	11.51	91	608259	19.45	ug/l	99
68) m/p-Xylenes	11.62	106	481118	40.42	ug/l	100
69) o-Xylene	11.95	106	232257	20.25	ug/l	99
70) Styrene	11.97	104	381094	20.44	ug/l	99
71) Bromoform	12.13	173	99568	19.35	ug/l #	99
73) Isopropylbenzene	12.25	105	599171	21.00	ug/l	100
74) N-amyl acetate	12.07	43	169479	18.32	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	168176	20.43	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	134295m	19.52	ug/l	
77) Bromobenzene	12.53	156	162415	21.25	ug/l	99
78) n-propylbenzene	12.59	91	672256	20.81	ug/l	99
79) 2-Chlorotoluene	12.68	91	421532	21.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	497015	21.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37943	19.37	ug/l	97
82) 4-Chlorotoluene	12.77	91	426347	21.43	ug/l	99
83) tert-Butylbenzene	12.99	119	408797	20.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	508603	21.67	ug/l	100
85) sec-Butylbenzene	13.17	105	548893	20.38	ug/l	100
86) p-Isopropyltoluene	13.29	119	465655	20.17	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	276427	20.30	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	264355	19.44	ug/l	98
89) n-Butylbenzene	13.62	91	353598	17.99	ug/l	100
90) Hexachloroethane	13.88	117	83581	20.36	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	270138	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22966	16.43	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	116021	16.69	ug/l	98
94) Hexachlorobutadiene	15.01	225	77511	19.41	ug/l	99
95) Naphthalene	15.13	128	234992	15.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	114410	16.28	ug/l	100

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

