

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050858.D
 Acq On : 23 Aug 2018 17:25
 Operator : MD\SY
 Sample : VN0823MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 10:41:09 AM

Quant Time: Aug 24 04:48:40 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	596033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	874199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	787232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	383448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	363351	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.59	113	335961	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	1266015	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	414284	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	165133	20.70	ug/l	99
3) Chloromethane	2.06	50	186632	18.97	ug/l	100
4) Vinyl Chloride	2.18	62	181671	19.49	ug/l	98
5) Bromomethane	2.56	94	101702	18.53	ug/l	97
6) Chloroethane	2.70	64	101447	18.84	ug/l	99
7) Trichlorofluoromethane	3.01	101	227794	19.09	ug/l	99
8) Diethyl Ether	3.41	74	78583	19.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142401	19.10	ug/l	100
10) Methyl Iodide	3.95	142	99778	19.66	ug/l	98
11) Tert butyl alcohol	4.79	59	51383	112.46	ug/l	99
12) 1,1-Dichloroethene	3.74	96	128532	19.20	ug/l	97
13) Acrolein	3.61	56	20452	89.07	ug/l	98
14) Allyl chloride	4.32	41	197872	18.97	ug/l	99
15) Acrylonitrile	4.99	53	244231	105.18	ug/l	98
16) Acetone	3.82	43	181221	102.49	ug/l	98
17) Carbon Disulfide	4.05	76	389208	17.34	ug/l	100
18) Methyl Acetate	4.33	43	144328	21.30	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	347913	20.66	ug/l	97
20) Methylene Chloride	4.55	84	151830	18.77	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	136039	18.79	ug/l	95
22) Diisopropyl ether	5.96	45	425487	20.47	ug/l	99
23) Vinyl Acetate	5.90	43	1354936	101.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	256337	19.21	ug/l	98
25) 2-Butanone	6.84	43	274883	95.06	ug/l	96
26) 2,2-Dichloropropane	6.83	77	204120	19.03	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	151173	19.37	ug/l	99
28) Bromochloromethane	7.20	49	108420	19.12	ug/l	99
29) Tetrahydrofuran	7.22	42	180837	109.08	ug/l	99
30) Chloroform	7.37	83	255756	19.35	ug/l	100
31) Cyclohexane	7.66	56	225940	18.92	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	222260	19.58	ug/l	99
36) 1,1-Dichloropropene	7.79	75	192880	18.70	ug/l	99
37) Ethyl Acetate	6.93	43	124367	20.99	ug/l	97
38) Carbon Tetrachloride	7.78	117	193151	18.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196737	17.63	ug/l	97
40) Benzene	8.04	78	592388	19.04	ug/l	99
41) Methacrylonitrile	7.17	41	56383	17.58	ug/l	90
42) 1,2-Dichloroethane	8.13	62	183935	19.78	ug/l	99
43) Isopropyl Acetate	8.17	43	229189	22.49	ug/l	95
44) Trichloroethene	8.84	130	153998	18.77	ug/l	100
45) 1,2-Dichloropropane	9.12	63	155356	19.00	ug/l	100
46) Dibromomethane	9.21	93	93469	19.46	ug/l	100
47) Bromodichloromethane	9.40	83	193389	19.22	ug/l	99
48) Methyl methacrylate	9.20	41	102838	19.80	ug/l	98
49) 1,4-Dioxane	9.20	88	29504	416.80	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	608799	100.13	ug/l	100
52) Toluene	10.16	92	360358	19.56	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	190018	18.97	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	220591	19.24	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	134924	19.73	ug/l	99
56) Ethyl methacrylate	10.43	69	158479	19.32	ug/l	99
57) 1,3-Dichloropropane	10.71	76	224096	19.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	350543	98.10	ug/l	99
59) 2-Hexanone	10.75	43	399720	98.75	ug/l	98
60) Dibromochloromethane	10.90	129	147782	19.30	ug/l	99
61) 1,2-Dibromoethane	11.01	107	131562	19.89	ug/l	99
64) Tetrachloroethene	10.63	164	138615	18.54	ug/l	99
65) Chlorobenzene	11.43	112	391051	19.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	146574	19.47	ug/l	99
67) Ethyl Benzene	11.51	91	641004	19.16	ug/l	100
68) m/p-Xylenes	11.62	106	508576	40.05	ug/l	99
69) o-Xylene	11.95	106	240138	19.67	ug/l	100
70) Styrene	11.97	104	375038	18.26	ug/l	99
71) Bromoform	12.13	173	102409	19.78	ug/l	# 100
73) Isopropylbenzene	12.25	105	634993	20.00	ug/l	100
74) N-amyl acetate	12.07	43	166366	20.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	171540	21.74	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	146958m	21.88	ug/l	
77) Bromobenzene	12.53	156	164951	19.12	ug/l	98
78) n-propylbenzene	12.59	91	709412	20.00	ug/l	100
79) 2-Chlorotoluene	12.68	91	435441	19.71	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	526629	20.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42029	21.16	ug/l	98
82) 4-Chlorotoluene	12.77	91	433247	19.86	ug/l	99
83) tert-Butylbenzene	12.99	119	438723	19.77	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	529591	20.55	ug/l	100
85) sec-Butylbenzene	13.17	105	586937	20.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	503703	20.33	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	275761	18.83	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	267302	18.55	ug/l	99
89) n-Butylbenzene	13.62	91	374053	18.88	ug/l	99
90) Hexachloroethane	13.88	117	94531	20.13	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	274665	19.44	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23764	20.84	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	106886	17.44	ug/l	99
94) Hexachlorobutadiene	15.01	225	83412	19.23	ug/l	98
95) Naphthalene	15.13	128	217657	18.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	114345	18.80	ug/l	99

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

