

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050815.D
 Acq On : 22 Aug 2018 13:24
 Operator : MD\SY
 Sample : VN0822MBSD01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0822MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 12:26:49 PM

Quant Time: Aug 23 01:39:22 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	677298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	977453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	915080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	432940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	408267	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.59	113	388323	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.09	98	1481396	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	496099	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	183949	20.29	ug/l	100
3) Chloromethane	2.06	50	195816	17.52	ug/l	100
4) Vinyl Chloride	2.18	62	194461	18.36	ug/l	100
5) Bromomethane	2.56	94	114489	18.34	ug/l	99
6) Chloroethane	2.70	64	115097	18.81	ug/l	100
7) Trichlorofluoromethane	3.01	101	263060	19.40	ug/l	99
8) Diethyl Ether	3.41	74	92802	20.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162329	19.16	ug/l	98
10) Methyl Iodide	3.95	142	119927	20.42	ug/l	99
11) Tert butyl alcohol	4.80	59	56841	109.47	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	150381	19.77	ug/l	98
13) Acrolein	3.61	56	27967	103.55	ug/l	98
14) Allyl chloride	4.32	41	225579	19.03	ug/l	99
15) Acrylonitrile	4.99	53	263024	99.68	ug/l	100
16) Acetone	3.82	43	184349	90.98	ug/l	100
17) Carbon Disulfide	4.05	76	440466	17.27	ug/l	99
18) Methyl Acetate	4.33	43	149109	19.37	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	401486	20.98	ug/l	100
20) Methylene Chloride	4.55	84	168114	18.29	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	156865	19.07	ug/l	97
22) Diisopropyl ether	5.96	45	485194	20.54	ug/l	98
23) Vinyl Acetate	5.90	43	1540841	101.28	ug/l	100
24) 1,1-Dichloroethane	5.85	63	294875	19.44	ug/l	99
25) 2-Butanone	6.84	43	293495	89.32	ug/l	100
26) 2,2-Dichloropropane	6.83	77	224940	18.46	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	177166	19.97	ug/l	98
28) Bromochloromethane	7.20	49	124583	19.33	ug/l	98
29) Tetrahydrofuran	7.22	42	200357	106.35	ug/l	99
30) Chloroform	7.37	83	294567	19.61	ug/l	99
31) Cyclohexane	7.66	56	262347	19.32	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	252338	19.56	ug/l	99
36) 1,1-Dichloropropene	7.80	75	225387	19.54	ug/l	98
37) Ethyl Acetate	6.93	43	135055	20.38	ug/l	98
38) Carbon Tetrachloride	7.77	117	219982	18.87	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	232349	18.62	ug/l	98
40) Benzene	8.04	78	688232	19.79	ug/l	99
41) Methacrylonitrile	7.17	41	52671	14.69	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	204877	19.70	ug/l	99
43) Isopropyl Acetate	8.17	43	243189	21.35	ug/l #	90
44) Trichloroethene	8.84	130	181349	19.77	ug/l	100
45) 1,2-Dichloropropane	9.12	63	179854	19.67	ug/l	99
46) Dibromomethane	9.21	93	105723	19.68	ug/l	99
47) Bromodichloromethane	9.40	83	218307	19.40	ug/l	99
48) Methyl methacrylate	9.20	41	115597	19.91	ug/l	97
49) 1,4-Dioxane	9.20	88	32324	408.41	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	674006	99.14	ug/l	99
52) Toluene	10.16	92	425779	20.66	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	215535	19.25	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	255807	19.95	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	153380	20.06	ug/l	99
56) Ethyl methacrylate	10.43	69	184013	19.98	ug/l	99
57) 1,3-Dichloropropane	10.71	76	255119	20.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	393282	98.39	ug/l	100
59) 2-Hexanone	10.75	43	500789	110.65	ug/l	90
60) Dibromochloromethane	10.90	129	164006	19.15	ug/l	100
61) 1,2-Dibromoethane	11.01	107	151423	20.48	ug/l	100
64) Tetrachloroethene	10.63	164	167043	19.22	ug/l	98
65) Chlorobenzene	11.43	112	467434	19.54	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	165880	18.95	ug/l	98
67) Ethyl Benzene	11.51	91	783977	20.16	ug/l	100
68) m/p-Xylenes	11.62	106	623061	42.21	ug/l	99
69) o-Xylene	11.95	106	307751	21.69	ug/l	99
70) Styrene	11.96	104	457530	19.10	ug/l	99
71) Bromoform	12.13	173	109394	18.18	ug/l #	99
73) Isopropylbenzene	12.25	105	776364	21.66	ug/l	100
74) N-amyl acetate	12.06	43	170749m	18.96	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.51	83	171899	19.10	ug/l	84
76) 1,2,3-Trichloropropane	12.55	75	150459m	19.84	ug/l	
77) Bromobenzene	12.53	156	199042	20.43	ug/l	98
78) n-propylbenzene	12.59	91	871716	21.77	ug/l	100
79) 2-Chlorotoluene	12.68	91	523638	20.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	676267	23.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43395	19.35	ug/l #	82
82) 4-Chlorotoluene	12.77	91	510040	20.71	ug/l	98
83) tert-Butylbenzene	12.99	119	536270	21.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	781591	26.86	ug/l	100
85) sec-Butylbenzene	13.17	105	709613	21.62	ug/l	99
86) p-Isopropyltoluene	13.29	119	620503	22.18	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	319479	19.32	ug/l	90
88) 1,4-Dichlorobenzene	13.36	146	313950	19.29	ug/l	90
89) n-Butylbenzene	13.62	91	512654	22.92	ug/l	96
90) Hexachloroethane	13.88	117	98216	18.54	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	312088	19.57	ug/l #	83
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25448	19.77	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	149268	20.60	ug/l	94
94) Hexachlorobutadiene	15.01	225	89706	18.26	ug/l	99
95) Naphthalene	15.13	128	378116	24.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145628	20.78	ug/l	99

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

