

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050561.D
 Acq On : 13 Aug 2018 12:16
 Operator : MD\SY
 Sample : VN0813MBS01
 Misc : 5.00µg/10ml/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:50:48 PM

Quant Time: Aug 14 01:25:26 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	700321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	922188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	419084	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	7.59	113	392957	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.09	98	1447861	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
62) 4-Bromofluorobenzene	12.40	95	471924	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133460	17.17	ug/l	100
3) Chloromethane	2.06	50	172248	17.81	ug/l	100
4) Vinyl Chloride	2.18	62	178207	17.71	ug/l	97
5) Bromomethane	2.56	94	97757	20.14	ug/l	98
6) Chloroethane	2.70	64	111279	17.95	ug/l	97
7) Trichlorofluoromethane	3.01	101	235973	18.16	ug/l	96
8) Diethyl Ether	3.41	74	81511	17.10	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	149590	18.63	ug/l	99
10) Methyl Iodide	3.95	142	76784	21.70	ug/l	99
11) Tert butyl alcohol	4.80	59	44350	59.00	ug/l	100
12) 1,1-Dichloroethene	3.74	96	131088	17.31	ug/l	98
13) Acrolein	3.61	56	32809	46.56	ug/l	97
14) Allyl chloride	4.33	41	212112	17.45	ug/l	97
15) Acrylonitrile	5.00	53	243535	77.35	ug/l	99
16) Acetone	3.82	43	215221	76.88	ug/l	99
17) Carbon Disulfide	4.05	76	384231	15.61	ug/l	99
18) Methyl Acetate	4.33	43	129201	17.69	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	356502	16.59	ug/l	98
20) Methylene Chloride	4.55	84	159826	17.73	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	144137	17.59	ug/l	95
22) Diisopropyl ether	5.96	45	469900	18.92	ug/l	98
23) Vinyl Acetate	5.90	43	1478143	83.41	ug/l	99
24) 1,1-Dichloroethane	5.85	63	280730	18.42	ug/l	99
25) 2-Butanone	6.84	43	347764	75.00	ug/l	99
26) 2,2-Dichloropropane	6.82	77	228269	18.17	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	165357	18.21	ug/l	99
28) Bromochloromethane	7.20	49	124967	17.81	ug/l	99
29) Tetrahydrofuran	7.22	42	179527	72.34	ug/l	98
30) Chloroform	7.37	83	282223	18.52	ug/l	99
31) Cyclohexane	7.65	56	237282	17.28	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	240153	18.35	ug/l	99
36) 1,1-Dichloropropene	7.80	75	208214	18.56	ug/l	99
37) Ethyl Acetate	6.93	43	128687	15.93	ug/l	99
38) Carbon Tetrachloride	7.77	117	211929	18.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	210476	17.19	ug/l	100
40) Benzene	8.04	78	642927	18.64	ug/l	100
41) Methacrylonitrile	7.18	41	65929	15.34	ug/l	86
42) 1,2-Dichloroethane	8.13	62	200417	18.30	ug/l	100
43) Isopropyl Acetate	8.17	43	219574	15.74	ug/l	98
44) Trichloroethene	8.84	130	166987	18.02	ug/l	98
45) 1,2-Dichloropropane	9.12	63	171892	18.95	ug/l	99
46) Dibromomethane	9.21	93	100346	17.92	ug/l	99
47) Bromodichloromethane	9.40	83	212703	18.34	ug/l	98
48) Methyl methacrylate	9.20	41	105776	15.13	ug/l	95
49) 1,4-Dioxane	9.20	88	28836	267.59	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	777642	77.41	ug/l	100
52) Toluene	10.16	92	394982	19.06	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	205674	17.66	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	243984	18.77	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	144462	17.86	ug/l	97
56) Ethyl methacrylate	10.43	69	167491	15.84	ug/l	98
57) 1,3-Dichloropropane	10.71	76	237740	17.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	400825	80.29	ug/l	100
59) 2-Hexanone	10.75	43	511965	73.03	ug/l	100
60) Dibromochloromethane	10.90	129	160479	18.01	ug/l	99
61) 1,2-Dibromoethane	11.01	107	138001	17.31	ug/l	99
64) Tetrachloroethene	10.63	164	156055	18.11	ug/l	97
65) Chlorobenzene	11.44	112	427246	18.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161722	19.22	ug/l	99
67) Ethyl Benzene	11.51	91	703824	18.83	ug/l	100
68) m/p-Xylenes	11.62	106	548495	38.55	ug/l	100
69) o-Xylene	11.95	106	257687	18.80	ug/l	99
70) Styrene	11.96	104	425137	19.08	ug/l	99
71) Bromoform	12.13	173	106795	17.37	ug/l #	100
73) Isopropylbenzene	12.25	105	692600	20.19	ug/l	99
74) N-amyl acetate	12.07	43	176331	15.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	175783	17.76	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	151950m	18.37	ug/l	
77) Bromobenzene	12.53	156	179852	19.57	ug/l	100
78) n-propylbenzene	12.59	91	782406	20.15	ug/l	99
79) 2-Chlorotoluene	12.68	91	475155	19.82	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567418	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40541	17.22	ug/l	98
82) 4-Chlorotoluene	12.77	91	481653	20.14	ug/l	99
83) tert-Butylbenzene	12.99	119	486342	20.02	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	575449	20.40	ug/l	99
85) sec-Butylbenzene	13.17	105	639266	19.75	ug/l	100
86) p-Isopropyltoluene	13.29	119	539852	19.46	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	308987	18.88	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	302305	18.50	ug/l	99
89) n-Butylbenzene	13.62	91	416461	17.63	ug/l	99
90) Hexachloroethane	13.88	117	99265	20.12	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	297416	18.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22603	13.45	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	129932	15.55	ug/l	98
94) Hexachlorobutadiene	15.01	225	89132	18.49	ug/l	99
95) Naphthalene	15.13	128	251069	14.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	128329	15.19	ug/l	97

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

