

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050436.D
 Acq On : 7 Aug 2018 17:05
 Operator : MD\SY
 Sample : VN0807MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:47:53 AM

Quant Time: Aug 08 07:02:05 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	776947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1178682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	574789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	496248	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	7.59	113	452972	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.09	98	1705159	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.40	95	585461	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155719	18.06	ug/l	99
3) Chloromethane	2.06	50	197358	18.44	ug/l	99
4) Vinyl Chloride	2.18	62	209175	18.74	ug/l	99
5) Bromomethane	2.56	94	124911	23.17	ug/l	99
6) Chloroethane	2.70	64	127841	18.59	ug/l	98
7) Trichlorofluoromethane	3.01	101	279856	19.41	ug/l	99
8) Diethyl Ether	3.41	74	105864	20.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	174339	19.57	ug/l	99
10) Methyl Iodide	3.95	142	82755	21.08	ug/l	96
11) Tert butyl alcohol	4.80	59	74271	89.06	ug/l	100
12) 1,1-Dichloroethene	3.73	96	166041	19.77	ug/l	95
13) Acrolein	3.61	56	86130	89.64	ug/l	94
14) Allyl chloride	4.33	41	257517	19.09	ug/l	97
15) Acrylonitrile	4.99	53	316227	90.53	ug/l	99
16) Acetone	3.82	43	279825	90.16	ug/l	98
17) Carbon Disulfide	4.05	76	472296	17.29	ug/l	100
18) Methyl Acetate	4.33	43	153722	18.99	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	490693	20.58	ug/l	99
20) Methylene Chloride	4.55	84	186986	18.78	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	176835	19.45	ug/l	99
22) Diisopropyl ether	5.96	45	567122	20.58	ug/l	98
23) Vinyl Acetate	5.90	43	1917986	97.55	ug/l	99
24) 1,1-Dichloroethane	5.85	63	332543	19.67	ug/l	99
25) 2-Butanone	6.84	43	464929	90.38	ug/l	99
26) 2,2-Dichloropropane	6.83	77	226763	16.27	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	202600	20.11	ug/l	98
28) Bromochloromethane	7.20	49	152343	19.57	ug/l	97
29) Tetrahydrofuran	7.22	42	250949	91.14	ug/l	99
30) Chloroform	7.37	83	332086	19.65	ug/l	98
31) Cyclohexane	7.65	56	291264	19.18	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	286975	19.77	ug/l	98
36) 1,1-Dichloropropene	7.80	75	252428	19.49	ug/l	99
37) Ethyl Acetate	6.94	43	175054	18.77	ug/l	99
38) Carbon Tetrachloride	7.78	117	245351	18.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	257614	18.22	ug/l	96
40) Benzene	8.04	78	771217	19.37	ug/l	98
41) Methacrylonitrile	7.18	41	83864	16.91	ug/l #	87
42) 1,2-Dichloroethane	8.13	62	234238	18.53	ug/l	98
43) Isopropyl Acetate	8.17	43	306262	19.02	ug/l #	86
44) Trichloroethene	8.84	130	208150	19.46	ug/l	99
45) 1,2-Dichloropropane	9.12	63	201450	19.24	ug/l	98
46) Dibromomethane	9.21	93	118881	18.39	ug/l	97
47) Bromodichloromethane	9.41	83	243359	18.18	ug/l	98
48) Methyl methacrylate	9.20	41	147848	18.32	ug/l	96
49) 1,4-Dioxane	9.20	88	41606	334.50	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1066349	91.97	ug/l	99
52) Toluene	10.16	92	471297	19.71	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	253080	18.83	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	287921	19.19	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	175792	18.83	ug/l	98
56) Ethyl methacrylate	10.43	69	237829	19.09	ug/l	97
57) 1,3-Dichloropropane	10.71	76	294363	19.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	540789	92.60	ug/l	99
59) 2-Hexanone	10.75	43	718414	88.78	ug/l	98
60) Dibromochloromethane	10.90	129	186719	18.15	ug/l	98
61) 1,2-Dibromoethane	11.01	107	171844	18.67	ug/l	100
64) Tetrachloroethene	10.63	164	197418	19.97	ug/l	99
65) Chlorobenzene	11.44	112	507412	19.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	185474	19.21	ug/l	98
67) Ethyl Benzene	11.51	91	900467	21.00	ug/l	100
68) m/p-Xylenes	11.62	106	688389	42.17	ug/l	97
69) o-Xylene	11.95	106	335252	21.32	ug/l	98
70) Styrene	11.97	104	544595	21.30	ug/l	98
71) Bromoform	12.13	173	135160	19.15	ug/l #	97
73) Isopropylbenzene	12.25	105	904170	20.96	ug/l	98
74) N-amyl acetate	12.07	43	277481	19.84	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	214066	17.20	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	206160m	19.82	ug/l	
77) Bromobenzene	12.53	156	1824943	157.88	ug/l #	1
78) n-propylbenzene	12.59	91	960681	19.67	ug/l	99
79) 2-Chlorotoluene	12.68	91	582098	19.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	830286	23.71	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.30	75	52652	17.78	ug/l	99
82) 4-Chlorotoluene	12.77	91	593466	19.73	ug/l	97
83) tert-Butylbenzene	12.99	119	577692	18.91	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	706272	19.91	ug/l	99
85) sec-Butylbenzene	13.17	105	755539	18.55	ug/l	99
86) p-Isopropyltoluene	13.29	119	663134	19.00	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	373804	18.16	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	371139	18.05	ug/l	99
89) n-Butylbenzene	13.62	91	548726	18.47	ug/l	97
90) Hexachloroethane	13.88	117	97121	15.65	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	374942	18.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36530	17.28	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216639	20.61	ug/l	97
94) Hexachlorobutadiene	15.01	225	104020	17.03	ug/l	100
95) Naphthalene	15.14	128	644397	25.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	211528	19.90	ug/l	95

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

