

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051059.D
 Acq On : 7 Sep 2018 17:29
 Operator : MD\SY
 Sample : J4693-11MS 5X
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MS

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:59 AM

Quant Time: Sep 08 01:08:37 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	7.66	168	615415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	884937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	502006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	360072	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	343561	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1329972	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	649619	74.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	446250	54.18	ug/l	100
3) Chloromethane	2.06	50	507170	49.93	ug/l	100
4) Vinyl Chloride	2.18	62	486346	50.54	ug/l	99
5) Bromomethane	2.52	94	203362	36.91	ug/l	99
6) Chloroethane	2.67	64	262138	47.15	ug/l	99
7) Trichlorofluoromethane	3.00	101	611161	49.60	ug/l	99
8) Diethyl Ether	3.41	74	239677	57.20	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	385223	50.04	ug/l	99
10) Methyl Iodide	3.94	142	326799	48.58	ug/l	98
11) Tert butyl alcohol	4.80	59	184619	391.33	ug/l	100
12) 1,1-Dichloroethene	3.73	96	368904	53.37	ug/l	98
13) Acrolein	3.61	56	63499	231.89	ug/l	99
14) Allyl chloride	4.32	41	570012	52.92	ug/l	98
15) Acrylonitrile	4.99	53	767719	320.20	ug/l	99
16) Acetone	3.82	43	511192	292.58	ug/l	98
17) Carbon Disulfide	4.04	76	1097119	47.35	ug/l	99
18) Methyl Acetate	4.32	43	434242	62.07	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1061837	61.07	ug/l	100
20) Methylene Chloride	4.54	84	418154	50.08	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	386949	51.76	ug/l	99
22) Diisopropyl ether	5.95	45	1181369	55.04	ug/l	97
23) Vinyl Acetate	5.90	43	3990085	288.65	ug/l	99
24) 1,1-Dichloroethane	5.85	63	701934	50.94	ug/l	99
25) 2-Butanone	6.84	43	861479	288.54	ug/l	98
26) 2,2-Dichloropropane	6.82	77	529434	47.81	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	436885	54.21	ug/l	98
28) Bromochloromethane	7.19	49	269545	46.03	ug/l	96
29) Tetrahydrofuran	7.22	42	576108	336.55	ug/l	96
30) Chloroform	7.37	83	697193	51.09	ug/l	98
31) Cyclohexane	7.65	56	634459	50.65	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	592711	50.57	ug/l	99
36) 1,1-Dichloropropene	7.79	75	542489	51.95	ug/l	99
37) Ethyl Acetate	6.93	43	378862	63.16	ug/l	99
38) Carbon Tetrachloride	7.77	117	518834	49.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	713479	63.15	ug/l	97
40) Benzene	8.04	78	1650652	52.42	ug/l	100
41) Methacrylonitrile	7.18	41	207465	63.91	ug/l	97
42) 1,2-Dichloroethane	8.13	62	490835	52.14	ug/l	99
43) Isopropyl Acetate	8.17	43	644996	62.54	ug/l #	89
44) Trichloroethene	8.84	130	435536	52.44	ug/l	97
45) 1,2-Dichloropropane	9.12	63	427569	51.66	ug/l	100
46) Dibromomethane	9.21	93	262299	53.94	ug/l	97
47) Bromodichloromethane	9.40	83	526335	51.68	ug/l	98
48) Methyl methacrylate	9.20	41	326389	62.09	ug/l	97
49) 1,4-Dioxane	9.20	88	107272	1497.05	ug/l #	95
51) 4-Methyl-2-Pentanone	9.99	43	1912622	310.75	ug/l	98
52) Toluene	10.16	92	1035729	55.52	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	562510	55.49	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	621513	53.54	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	488153	70.51	ug/l	98
56) Ethyl methacrylate	10.43	69	596690	65.49	ug/l	95
57) 1,3-Dichloropropane	10.71	76	644517	56.40	ug/l	99
59) 2-Hexanone	10.75	43	1338340	326.63	ug/l	97
60) Dibromochloromethane	10.90	129	421141	54.33	ug/l	98
61) 1,2-Dibromoethane	11.01	107	395909	59.14	ug/l	99
64) Tetrachloroethene	10.63	164	402535	49.55	ug/l	99
65) Chlorobenzene	11.43	112	1166170	52.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	408776	49.97	ug/l	99
67) Ethyl Benzene	11.51	91	2007884	55.25	ug/l	100
68) m/p-Xylenes	11.62	106	1546496	112.10	ug/l	100
69) o-Xylene	11.95	106	755930	57.00	ug/l	98
70) Stvrene	11.96	104	1214493	51.91	ug/l	99
71) Bromoform	12.13	173	310883	55.27	ug/l #	100
73) Isopropylbenzene	12.25	105	2983766	71.78	ug/l	100
74) N-amyl acetate	12.05	43	2328715	222.96	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.50	83	781282	79.81	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	424362m	48.26	ug/l	
77) Bromobenzene	12.53	156	513465	45.45	ug/l	99
78) n-propylbenzene	12.59	91	5713137	123.03	ug/l	99
79) 2-Chlorotoluene	12.68	91	1340643	46.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1632314	48.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	136170	52.35	ug/l #	82
82) 4-Chlorotoluene	12.77	91	1323958	46.37	ug/l	93
83) tert-Butylbenzene	12.99	119	1615392	55.61	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1666551	49.40	ug/l	99
85) sec-Butylbenzene	13.17	105	3355068	88.14	ug/l	86
86) p-Isopropyltoluene	13.29	119	1650034	50.88	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	861545	44.94	ug/l #	83
88) 1,4-Dichlorobenzene	13.36	146	843249	44.69	ug/l #	80
89) n-Butylbenzene	13.62	91	2246068	86.59	ug/l	96
90) Hexachloroethane	13.88	117	466411	75.36	ug/l	60
91) 1,2-Dichlorobenzene	13.65	146	838948	45.36	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78098	52.31	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	482191	50.11	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	339802	62.25	ug/l	99
95) Naphthalene	15.13	128	1113319	54.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	466843	51.64	ug/l	97

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

