

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051082.D
 Acq On : 10 Sep 2018 16:59
 Operator : MD\SY
 Sample : VN0910MBSD01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0910MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:40:59 AM

Quant Time: Sep 11 04:08:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	683589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	392657	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.59	113	380532	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.09	98	1437960	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.40	95	450850	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	123532	18.74	ug/l	98
3) Chloromethane	2.06	50	169561	19.59	ug/l	98
4) Vinyl Chloride	2.18	62	171985	19.01	ug/l	99
5) Bromomethane	2.57	94	102338	19.44	ug/l	97
6) Chloroethane	2.70	64	103956	18.61	ug/l	98
7) Trichlorofluoromethane	3.01	101	230024	19.18	ug/l	100
8) Diethyl Ether	3.41	74	85693	19.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144919	18.75	ug/l	99
10) Methyl Iodide	3.95	142	119497	20.30	ug/l	99
11) Tert butyl alcohol	4.80	59	54430	93.67	ug/l	99
12) 1,1-Dichloroethene	3.74	96	135230	18.55	ug/l	100
13) Acrolein	3.61	56	72828	116.99	ug/l	98
14) Allyl chloride	4.33	41	205596	18.51	ug/l	98
15) Acrylonitrile	4.99	53	253609	98.50	ug/l	99
16) Acetone	3.82	43	177328	90.55	ug/l	97
17) Carbon Disulfide	4.05	76	409262	19.11	ug/l	98
18) Methyl Acetate	4.33	43	115309	18.93	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	379942	19.71	ug/l	99
20) Methylene Chloride	4.55	84	157106	18.70	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	146508	18.52	ug/l	99
22) Diisopropyl ether	5.96	45	449410	20.38	ug/l	97
23) Vinyl Acetate	5.90	43	1489366	99.80	ug/l	99
24) 1,1-Dichloroethane	5.85	63	268881	19.22	ug/l	99
25) 2-Butanone	6.84	43	278166	93.00	ug/l	98
26) 2,2-Dichloropropane	6.83	77	203845	17.80	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	165500	19.07	ug/l	99
28) Bromochloromethane	7.20	49	119847	19.24	ug/l	100
29) Tetrahydrofuran	7.22	42	189741	101.59	ug/l	99
30) Chloroform	7.37	83	267677	19.23	ug/l	99
31) Cyclohexane	7.65	56	239989	19.10	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	230444	19.43	ug/l	100
36) 1,1-Dichloropropene	7.80	75	205671	19.12	ug/l	99
37) Ethyl Acetate	6.93	43	130178	20.89	ug/l	99
38) Carbon Tetrachloride	7.77	117	205710	19.43	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	225582	19.00	µg/l	97
40) Benzene	8.04	78	636479	19.63	µg/l	99
41) Methacrylonitrile	7.18	41	70400m	21.90	µg/l	
42) 1,2-Dichloroethane	8.13	62	186689	19.76	µg/l	100
43) Isopropyl Acetate	8.17	43	220845	20.09	µg/l	99
44) Trichloroethene	8.84	130	167803	18.92	µg/l	98
45) 1,2-Dichloropropane	9.12	63	165717	19.78	µg/l	100
46) Dibromomethane	9.21	93	99636	19.49	µg/l	99
47) Bromodichloromethane	9.40	83	204542	19.68	µg/l	98
48) Methyl methacrylate	9.20	41	106188	19.82	µg/l	100
49) 1,4-Dioxane	9.20	88	32512	386.98	µg/l	99
51) 4-Methyl-2-Pentanone	9.99	43	632430	104.02	µg/l	100
52) Toluene	10.16	92	394212	19.94	µg/l	100
53) t-1,3-Dichloropropene	10.38	75	197947	19.03	µg/l	100
54) cis-1,3-Dichloropropene	9.84	75	235763	19.33	µg/l	99
55) 1,1,2-Trichloroethane	10.56	97	143529	19.99	µg/l	99
56) Ethyl methacrylate	10.43	69	173993	19.62	µg/l	99
57) 1,3-Dichloropropane	10.71	76	236419	19.86	µg/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	351711	96.76	µg/l	100
59) 2-Hexanone	10.75	43	395348	95.88	µg/l	100
60) Dibromochloromethane	10.90	129	159154	19.66	µg/l	99
61) 1,2-Dibromoethane	11.01	107	137533	19.59	µg/l	100
64) Tetrachloroethene	10.63	164	155794	19.43	µg/l	98
65) Chlorobenzene	11.43	112	420950	19.00	µg/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156152	19.58	µg/l	99
67) Ethyl Benzene	11.51	91	694838	19.37	µg/l	100
68) m/p-Xylenes	11.62	106	542006	39.32	µg/l	98
69) o-Xylene	11.95	106	261357	19.58	µg/l	99
70) Styrene	11.96	104	408122	19.71	µg/l	98
71) Bromoform	12.13	173	111817	19.91	µg/l	# 100
73) Isopropylbenzene	12.25	105	686455	20.15	µg/l	100
74) N-amyl acetate	12.07	43	168114	19.61	µg/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	180709	22.24	µg/l	99
76) 1,2,3-Trichloropropane	12.55	75	141994m	21.71	µg/l	
77) Bromobenzene	12.53	156	177495	19.40	µg/l	99
78) n-propylbenzene	12.59	91	748234	19.98	µg/l	99
79) 2-Chlorotoluene	12.67	91	458217	19.58	µg/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	560944	20.37	µg/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41160	19.24	µg/l	98
82) 4-Chlorotoluene	12.77	91	445185	19.16	µg/l	99
83) tert-Butylbenzene	12.99	119	480663	19.77	µg/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	555316	20.51	µg/l	98
85) sec-Butylbenzene	13.17	105	619655	19.87	µg/l	100
86) p-Isopropyltoluene	13.29	119	532998	20.16	µg/l	100
87) 1,3-Dichlorobenzene	13.28	146	280557	18.07	µg/l	99
88) 1,4-Dichlorobenzene	13.36	146	275266	19.32	µg/l	100
89) n-Butylbenzene	13.62	91	378689	18.40	µg/l	99
90) Hexachloroethane	13.87	117	100987	20.62	µg/l	99
91) 1,2-Dichlorobenzene	13.65	146	282344	18.67	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23066	20.22	µg/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	105616	17.28	ug/l	99
94) Hexachlorobutadiene	15.01	225	88456	18.98	ug/l	98
95) Naphthalene	15.13	128	203069	17.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	109894	17.76	ug/l	98

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

