

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050273.D
 Acq On : 2 Aug 2018 19:04
 Operator : MD\SY
 Sample : VN0802MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:36 AM

Quant Time: Aug 03 01:45:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	572922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	880294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	419993	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.59	113	377154	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.09	98	1335651	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	427628	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	168947	20.523	ug/l	100
3) Chloromethane	2.06	50	164477	18.381	ug/l	99
4) Vinyl Chloride	2.18	62	183968	19.523	ug/l	98
5) Bromomethane	2.56	94	64946	11.642	ug/l	99
6) Chloroethane	2.70	64	106802	18.872	ug/l	95
7) Trichlorofluoromethane	3.01	101	255370	20.919	ug/l	100
8) Diethyl Ether	3.41	74	90133	22.148	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	150179	20.458	ug/l	99
10) Methyl Iodide	3.95	142	87447	9.282	ug/l	99
11) Tert butyl alcohol	4.81	59	84869	144.297	ug/l	99
12) 1,1-Dichloroethene	3.73	96	135255	20.483	ug/l	97
13) Acrolein	3.61	56	97077	205.431	ug/l	98
14) Allyl chloride	4.32	41	217908	21.282	ug/l	96
15) Acrylonitrile	5.00	53	315353	122.895	ug/l	99
16) Acetone	3.82	43	244635	127.804	ug/l	100
17) Carbon Disulfide	4.05	76	356055	17.601	ug/l	99
18) Methyl Acetate	4.33	43	245250	32.932	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	415143	23.591	ug/l	99
20) Methylene Chloride	4.55	84	162002	22.159	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	142539	20.371	ug/l	98
22) Diisopropyl ether	5.96	45	480337	23.659	ug/l	98
23) Vinyl Acetate	5.90	43	1606003	111.938	ug/l	100
24) 1,1-Dichloroethane	5.85	63	288873	21.759	ug/l	100
25) 2-Butanone	6.85	43	389408	127.718	ug/l	100
26) 2,2-Dichloropropane	6.83	77	182499	18.070	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	166479	22.103	ug/l	97
28) Bromochloromethane	7.20	49	127325	21.027	ug/l	99
29) Tetrahydrofuran	7.22	42	256590	130.234	ug/l	99
30) Chloroform	7.37	83	296649	21.897	ug/l	100
31) Cyclohexane	7.66	56	219143	19.863	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	248025	21.403	ug/l	99
36) 1,1-Dichloropropene	7.80	75	200664	20.233	ug/l	100
37) Ethyl Acetate	6.94	43	165999	24.007	ug/l	99
38) Carbon Tetrachloride	7.78	117	219132	20.823	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	194773	19.090	ug/l	99
40) Benzene	8.05	78	645980	21.405	ug/l	100
41) Methacrylonitrile	7.18	41	84678m	24.968	ug/l	
42) 1,2-Dichloroethane	8.13	62	215590	21.413	ug/l	100
43) Isopropyl Acetate	8.17	43	442026	33.548	ug/l #	87
44) Trichloroethene	8.84	130	162703	20.064	ug/l	98
45) 1,2-Dichloropropane	9.12	63	173846	21.748	ug/l	99
46) Dibromomethane	9.21	93	110325	22.228	ug/l	99
47) Bromodichloromethane	9.41	83	228190	21.783	ug/l	98
48) Methyl methacrylate	9.20	41	143485	24.094	ug/l	100
49) 1,4-Dioxane	9.21	88	43891	541.577	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	877032	129.023	ug/l	99
52) Toluene	10.16	92	390347	21.912	ug/l	100
53) t-1,3-Dichloropropene	10.39	75	211399	21.386	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	238114	21.077	ug/l	98
55) 1,1,2-Trichloroethane	10.57	97	159438	22.564	ug/l	98
56) Ethyl methacrylate	10.43	69	193436	21.419	ug/l	99
57) 1,3-Dichloropropane	10.71	76	259176	22.525	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	405045	96.012	ug/l	100
59) 2-Hexanone	10.76	43	586654	120.194	ug/l	99
60) Dibromochloromethane	10.90	129	176154	22.517	ug/l	99
61) 1,2-Dibromoethane	11.01	107	152989	21.822	ug/l	97
64) Tetrachloroethene	10.63	164	144676	19.430	ug/l	99
65) Chlorobenzene	11.44	112	416419	21.286	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	165684	22.042	ug/l	99
67) Ethyl Benzene	11.52	91	684100	21.769	ug/l	100
68) m/p-Xylenes	11.62	106	532151	44.770	ug/l	99
69) o-Xylene	11.95	106	253088	22.336	ug/l	100
70) Styrene	11.97	104	412729	21.025	ug/l	100
71) Bromoform	12.13	173	126555	23.145	ug/l #	100
73) Isopropylbenzene	12.25	105	676755	22.008	ug/l	100
74) N-amyl acetate	12.07	43	220034	23.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	220188	25.959	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	172949m	23.471	ug/l	
77) Bromobenzene	12.53	156	180108	21.133	ug/l	97
78) n-propylbenzene	12.59	91	761040	22.142	ug/l	100
79) 2-Chlorotoluene	12.68	91	472268	22.169	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	556597	23.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52328	22.525	ug/l	97
82) 4-Chlorotoluene	12.78	91	467347	22.153	ug/l	99
83) tert-Butylbenzene	13.00	119	471695	22.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	570687	23.408	ug/l	99
85) sec-Butylbenzene	13.17	105	631759	22.399	ug/l	100
86) p-Isopropyltoluene	13.29	119	533474	22.447	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	310687	21.504	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	300554	21.343	ug/l	98
89) n-Butylbenzene	13.62	91	408097	20.882	ug/l	99
90) Hexachloroethane	13.88	117	108962	20.648	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	313173	21.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34054	24.440	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133797	19.476	ug/l	97
94) Hexachlorobutadiene	15.01	225	91971	20.801	ug/l	98
95) Naphthalene	15.14	128	312698	20.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	143562	20.600	ug/l	99

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

