

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122018\
 Data File : VN053059.D
 Acq On : 20 Dec 2018 16:21
 Operator : MD\SY
 Sample : VN1220MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS02

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 12:38:37 PM

Quant Time: Dec 21 01:15:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1069490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1636791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1453187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	647460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	558166	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	439045	58.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.44%	
50) Toluene-d8	10.09	98	2039505	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	699371	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	206091	19.040	ug/l	100
3) Chloromethane	2.06	50	253374	19.317	ug/l	100
4) Vinyl Chloride	2.19	62	257252	19.366	ug/l	98
5) Bromomethane	2.58	94	168429	18.300	ug/l	99
6) Chloroethane	2.71	64	155967	19.824	ug/l	99
7) Trichlorofluoromethane	3.03	101	327119	19.767	ug/l	100
8) Diethyl Ether	3.41	74	130542	20.910	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	206843	19.604	ug/l	99
10) Methyl Iodide	3.96	142	297077	20.049	ug/l	99
11) Tert butyl alcohol	4.78	59	68742	103.804	ug/l	99
12) 1,1-Dichloroethene	3.74	96	201015	19.720	ug/l	96
13) Acrolein	3.61	56	63282	105.388	ug/l	98
14) Allyl chloride	4.33	41	325836	20.636	ug/l	95
15) Acrylonitrile	4.99	53	380379	103.392	ug/l	100
16) Acetone	3.81	43	236054	110.928	ug/l	95
17) Carbon Disulfide	4.06	76	558867	16.811	ug/l	99
18) Methyl Acetate	4.33	43	193117	20.590	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	578163	21.194	ug/l	98
20) Methylene Chloride	4.55	84	233811	20.142	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	213749	19.517	ug/l	99
22) Diisopropyl ether	5.95	45	710678	21.086	ug/l	97
23) Vinyl Acetate	5.90	43	2069783	106.798	ug/l	98
24) 1,1-Dichloroethane	5.85	63	405929	20.269	ug/l	99
25) 2-Butanone	6.84	43	395272	110.680	ug/l	98
26) 2,2-Dichloropropane	6.83	77	268745	17.579	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	251526	20.286	ug/l	98
28) Bromochloromethane	7.20	49	179800	20.718	ug/l	96
29) Tetrahydrofuran	7.21	42	285829	107.161	ug/l	98
30) Chloroform	7.37	83	398144	20.237	ug/l	100
31) Cyclohexane	7.66	56	378188	19.493	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	333355	19.890	ug/l	99
36) 1,1-Dichloropropene	7.80	75	305287	19.432	ug/l	100
37) Ethyl Acetate	6.93	43	188760	21.523	ug/l	99
38) Carbon Tetrachloride	7.78	117	275096	19.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	355283	18.616	ug/l	97
40) Benzene	8.04	78	944745	20.217	ug/l	100
41) Methacrylonitrile	7.17	41	109728	21.654	ug/l	96
42) 1,2-Dichloroethane	8.12	62	280562	20.323	ug/l	98
43) Isopropyl Acetate	8.16	43	354644	20.275	ug/l	100
44) Trichloroethene	8.84	130	263263	19.478	ug/l	94
45) 1,2-Dichloropropane	9.12	63	251712	20.680	ug/l	99
46) Dibromomethane	9.21	93	143007	20.168	ug/l	98
47) Bromodichloromethane	9.40	83	299264	19.855	ug/l	99
48) Methyl methacrylate	9.20	41	173440	20.380	ug/l	98
49) 1,4-Dioxane	9.20	88	40918	380.091	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	929770	109.470	ug/l	100
52) Toluene	10.16	92	579627	20.012	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	296936	18.735	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	354318	19.476	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	208688	20.652	ug/l	99
56) Ethyl methacrylate	10.43	69	278524	20.825	ug/l	97
57) 1,3-Dichloropropane	10.71	76	356350	20.565	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	764251	104.083	ug/l	98
59) 2-Hexanone	10.75	43	621660	108.182	ug/l	99
60) Dibromochloromethane	10.90	129	222201	19.210	ug/l	100
61) 1,2-Dibromoethane	11.01	107	207093	20.179	ug/l	99
64) Tetrachloroethene	10.63	164	294765	18.726	ug/l	99
65) Chlorobenzene	11.43	112	644576	20.010	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	222214	19.837	ug/l	100
67) Ethyl Benzene	11.51	91	1095402	19.773	ug/l	100
68) m/p-Xylenes	11.62	106	831909	39.502	ug/l	99
69) o-Xylene	11.95	106	407694	20.174	ug/l	100
70) Styrene	11.96	104	661394	20.071	ug/l	100
71) Bromoform	12.13	173	148523	18.353	ug/l #	99
73) Isopropylbenzene	12.25	105	1076778	21.256	ug/l	100
74) N-amyl acetate	12.07	43	306067	21.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	231511	23.295	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	208399m	19.120	ug/l	
77) Bromobenzene	12.53	156	275849	20.948	ug/l	98
78) n-propylbenzene	12.59	91	1192113	20.662	ug/l	100
79) 2-Chlorotoluene	12.67	91	715339	20.003	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	849523	20.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	63413	18.752	ug/l	97
82) 4-Chlorotoluene	12.77	91	720284	20.575	ug/l	100
83) tert-Butylbenzene	12.99	119	747397	20.467	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	860483	20.730	ug/l	100
85) sec-Butylbenzene	13.17	105	976598	19.772	ug/l	100
86) p-Isopropyltoluene	13.29	119	831245	19.476	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	462022	19.824	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	450853	19.102	ug/l	99
89) n-Butylbenzene	13.62	91	643664	17.530	ug/l	100
90) Hexachloroethane	13.88	117	121125	18.493	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	437955	19.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33070	19.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	204320	17.968	ug/l	100
94) Hexachlorobutadiene	15.01	225	122741	18.595	ug/l	99
95) Naphthalene	15.13	128	444177	18.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	185065	18.013	ug/l	100

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

