

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052994.D
 Acq On : 19 Dec 2018 6:52
 Operator : MD\SY
 Sample : VN1218MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:08:13 PM

Quant Time: Dec 19 07:57:03 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	1076638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1692112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1505912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	591718	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
35) Dibromofluoromethane	7.59	113	446344	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
50) Toluene-d8	10.09	98	2145141	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	735806	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	212088	19.464	ug/l	98
3) Chloromethane	2.06	50	264519	20.033	ug/l	98
4) Vinyl Chloride	2.19	62	263176	19.680	ug/l	99
5) Bromomethane	2.58	94	166609	17.983	ug/l	100
6) Chloroethane	2.71	64	158752	20.044	ug/l	100
7) Trichlorofluoromethane	3.03	101	332801	19.977	ug/l	99
8) Diethyl Ether	3.41	74	130374	20.745	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	203705	19.178	ug/l	98
10) Methyl Iodide	3.96	142	291146	19.519	ug/l	99
11) Tert butyl alcohol	4.77	59	70351	105.529	ug/l	100
12) 1,1-Dichloroethene	3.74	96	203438	19.825	ug/l	96
13) Acrolein	3.61	56	78365	129.640	ug/l	99
14) Allyl chloride	4.33	41	298610	18.786	ug/l	99
15) Acrylonitrile	4.99	53	378075	102.084	ug/l	99
16) Acetone	3.82	43	243285	113.567	ug/l	99
17) Carbon Disulfide	4.06	76	588686	17.591	ug/l	100
18) Methyl Acetate	4.33	43	195852	20.736	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	565507	20.593	ug/l	100
20) Methylene Chloride	4.56	84	262453	22.460	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	216446	19.632	ug/l	97
22) Diisopropyl ether	5.95	45	706453	20.822	ug/l	97
23) Vinyl Acetate	5.90	43	2043804	104.757	ug/l	98
24) 1,1-Dichloroethane	5.85	63	405108	20.093	ug/l	99
25) 2-Butanone	6.83	43	396392	110.257	ug/l	98
26) 2,2-Dichloropropane	6.83	77	213228	13.855	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	249759	20.010	ug/l	96
28) Bromochloromethane	7.20	49	183793	21.038	ug/l	96
29) Tetrahydrofuran	7.21	42	284630	106.003	ug/l	99
30) Chloroform	7.37	83	397324	20.061	ug/l	98
31) Cyclohexane	7.66	56	384196	19.681	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	330846	19.610	ug/l	99
36) 1,1-Dichloropropene	7.80	75	302585	18.631	ug/l	99
37) Ethyl Acetate	6.93	43	190284	20.987	ug/l	99
38) Carbon Tetrachloride	7.78	117	282193	18.956	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	358932	18.192	ug/l	97
40) Benzene	8.04	78	942033	19.500	ug/l	99
41) Methacrylonitrile	7.17	41	110571	21.107	ug/l	94
42) 1,2-Dichloroethane	8.13	62	278381	19.506	ug/l	99
43) Isopropyl Acetate	8.16	43	370866	20.521	ug/l	98
44) Trichloroethene	8.84	130	264332	18.917	ug/l	96
45) 1,2-Dichloropropane	9.12	63	246114	19.559	ug/l	99
46) Dibromomethane	9.21	93	142564	19.449	ug/l	99
47) Bromodichloromethane	9.40	83	298924	19.184	ug/l	99
48) Methyl methacrylate	9.20	41	173876	19.763	ug/l	98
49) 1,4-Dioxane	9.20	88	44010	395.447	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	917139	104.453	ug/l	100
52) Toluene	10.16	92	584469	19.519	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	288101	17.583	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	343410	18.260	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	207933	19.905	ug/l	99
56) Ethyl methacrylate	10.43	69	278374	20.133	ug/l	98
57) 1,3-Dichloropropane	10.71	76	354263	19.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	793528	104.537	ug/l	99
59) 2-Hexanone	10.75	43	622349	104.761	ug/l	100
60) Dibromochloromethane	10.90	129	224557	18.779	ug/l	100
61) 1,2-Dibromoethane	11.01	107	206778	19.490	ug/l	100
64) Tetrachloroethene	10.63	164	304495	18.666	ug/l	99
65) Chlorobenzene	11.43	112	636402	19.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	221762	19.104	ug/l	99
67) Ethyl Benzene	11.51	91	1097517	19.118	ug/l	99
68) m/p-Xylenes	11.62	106	826860	37.888	ug/l	100
69) o-Xylene	11.95	106	406427	19.407	ug/l	100
70) Styrene	11.96	104	660089	19.330	ug/l	99
71) Bromoform	12.13	173	156999	18.721	ug/l #	98
73) Isopropylbenzene	12.25	105	1070995	20.034	ug/l	100
74) N-amyl acetate	12.07	43	312019	21.022	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	226691	21.614	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	207627m	18.051	ug/l	
77) Bromobenzene	12.53	156	281263	20.240	ug/l	97
78) n-propylbenzene	12.59	91	1189895	19.543	ug/l	99
79) 2-Chlorotoluene	12.68	91	717531	19.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	842059	19.325	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	59415	16.649	ug/l	97
82) 4-Chlorotoluene	12.77	91	718402	19.446	ug/l	100
83) tert-Butylbenzene	12.99	119	749910	19.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	859824	19.629	ug/l	99
85) sec-Butylbenzene	13.17	105	987981	18.954	ug/l	100
86) p-Isopropyltoluene	13.29	119	841189	18.676	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	464588	18.889	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	455480	18.287	ug/l	99
89) n-Butylbenzene	13.62	91	658033	16.982	ug/l	99
90) Hexachloroethane	13.88	117	124928	18.074	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	442649	19.123	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33144	18.277	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	209049	17.439	ug/l	99
94) Hexachlorobutadiene	15.01	225	125104	17.856	ug/l	99
95) Naphthalene	15.13	128	483367	18.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	193170	17.822	ug/l	100

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

