

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053101.D
 Acq On : 21 Dec 2018 14:51
 Operator : MD\SY
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 10:06:31 AM

Quant Time: Dec 22 01:32:18 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	1033538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1540502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1383977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	656622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	555453	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	437580	62.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.36%	
50) Toluene-d8	10.09	98	1980805	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.40	95	701536	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	196336	18.770	ug/l	99
3) Chloromethane	2.06	50	236317	18.643	ug/l	100
4) Vinyl Chloride	2.19	62	241498	18.812	ug/l	99
5) Bromomethane	2.57	94	149744	16.836	ug/l	98
6) Chloroethane	2.71	64	141675	18.634	ug/l	100
7) Trichlorofluoromethane	3.02	101	311016	19.448	ug/l	98
8) Diethyl Ether	3.41	74	124633	20.658	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	197863	19.405	ug/l	98
10) Methyl Iodide	3.96	142	237381	16.578	ug/l	99
11) Tert butyl alcohol	4.78	59	78174	122.154	ug/l	99
12) 1,1-Dichloroethene	3.74	96	188085	19.093	ug/l	97
13) Acrolein	3.61	56	78969	136.087	ug/l	99
14) Allyl chloride	4.33	41	313403	20.539	ug/l	94
15) Acrylonitrile	4.99	53	390984	109.972	ug/l	99
16) Acetone	3.82	43	239109	116.272	ug/l	97
17) Carbon Disulfide	4.06	76	524535	16.327	ug/l	100
18) Methyl Acetate	4.33	43	202790	22.288	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	557307	21.141	ug/l	97
20) Methylene Chloride	4.55	84	219812	19.595	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	200618	18.955	ug/l	98
22) Diisopropyl ether	5.96	45	675696	20.746	ug/l	99
23) Vinyl Acetate	5.90	43	2030924	108.438	ug/l	98
24) 1,1-Dichloroethane	5.85	63	380084	19.638	ug/l	99
25) 2-Butanone	6.84	43	419359	121.510	ug/l	100
26) 2,2-Dichloropropane	6.83	77	283246	19.172	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	234440	19.566	ug/l	99
28) Bromochloromethane	7.20	49	182495	21.761	ug/l	94
29) Tetrahydrofuran	7.21	42	293838	113.996	ug/l	97
30) Chloroform	7.37	83	374778	19.712	ug/l	100
31) Cyclohexane	7.66	56	358707	19.112	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	315721	19.493	ug/l	99
36) 1,1-Dichloropropene	7.80	75	289319	19.567	ug/l	99
37) Ethyl Acetate	6.93	43	194029	23.506	ug/l	99
38) Carbon Tetrachloride	7.78	117	264721	19.532	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	343536	19.126	ug/l	99
40) Benzene	8.05	78	878724	19.980	ug/l	100
41) Methacrylonitrile	7.18	41	94212	19.754	ug/l	93
42) 1,2-Dichloroethane	8.13	62	266548	20.515	ug/l	99
43) Isopropyl Acetate	8.17	43	358795	21.874	ug/l	99
44) Trichloroethene	8.84	130	243857	19.170	ug/l	98
45) 1,2-Dichloropropane	9.12	63	234992	20.513	ug/l	98
46) Dibromomethane	9.21	93	136955	20.522	ug/l	98
47) Bromodichloromethane	9.40	83	284417	20.050	ug/l	99
48) Methyl methacrylate	9.20	41	174973	21.845	ug/l	97
49) 1,4-Dioxane	9.20	88	46802	461.922	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	950161	118.864	ug/l	98
52) Toluene	10.16	92	552993	20.285	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	290699	19.488	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	341576	19.950	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	202852	21.329	ug/l	100
56) Ethyl methacrylate	10.43	69	273750	21.747	ug/l	96
57) 1,3-Dichloropropane	10.71	76	341903	20.965	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	758994	109.828	ug/l	99
59) 2-Hexanone	10.75	43	665069	122.970	ug/l	99
60) Dibromochloromethane	10.90	129	219353	20.149	ug/l	100
61) 1,2-Dibromoethane	11.01	107	201758	20.888	ug/l	99
64) Tetrachloroethene	10.63	164	268918	17.938	ug/l	99
65) Chlorobenzene	11.44	112	610839	19.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213261	19.990	ug/l	99
67) Ethyl Benzene	11.51	91	1061721	20.124	ug/l	99
68) m/p-Xylenes	11.62	106	806214	40.196	ug/l	100
69) o-Xylene	11.95	106	393292	20.435	ug/l	100
70) Styrene	11.97	104	645496	20.568	ug/l	100
71) Bromoform	12.13	173	150747	19.560	ug/l #	99
73) Isopropylbenzene	12.25	105	1055530	20.546	ug/l	100
74) N-amyl acetate	12.07	43	313003	21.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	243181	24.128	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	217215m	19.651	ug/l	
77) Bromobenzene	12.53	156	268979	20.141	ug/l	99
78) n-propylbenzene	12.59	91	1184741	20.248	ug/l	99
79) 2-Chlorotoluene	12.68	91	705280	19.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	847628	20.242	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	67265	19.614	ug/l	98
82) 4-Chlorotoluene	12.77	91	716155	20.172	ug/l	100
83) tert-Butylbenzene	12.99	119	743904	20.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	858522	20.394	ug/l	98
85) sec-Butylbenzene	13.17	105	997597	19.915	ug/l	100
86) p-Isopropyltoluene	13.29	119	859105	19.848	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	471049	19.929	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	460593	19.243	ug/l	99
89) n-Butylbenzene	13.62	91	686943	18.447	ug/l	100
90) Hexachloroethane	13.88	117	127972	19.266	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	444031	19.961	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37684	21.624	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	215940	18.700	ug/l	100
94) Hexachlorobutadiene	15.01	225	139720	21.245	ug/l	98
95) Naphthalene	15.14	128	478448	19.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	196679	18.852	ug/l	99

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

