

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059967.D
 Acq On : 3 Feb 2020 12:12
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:20:32 AM

Quant Time: Feb 03 13:46:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	258061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	103260	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.57	113	83495	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.08	98	313140	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	112949	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36458	16.729	ug/l	98
3) Chloromethane	2.04	50	36548	17.630	ug/l	98
4) Vinyl Chloride	2.17	62	46054	19.416	ug/l	99
5) Bromomethane	2.55	94	27876	19.257	ug/l	91
6) Chloroethane	2.69	64	21649	19.292	ug/l	95
7) Trichlorofluoromethane	3.00	101	54847	19.254	ug/l	97
8) Diethyl Ether	3.39	74	20553	20.559	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31812	20.065	ug/l	92
10) Methyl Iodide	3.93	142	41969	16.377	ug/l	96
11) Tert butyl alcohol	4.73	59	33354	98.527	ug/l #	83
12) 1,1-Dichloroethene	3.72	96	30090	18.163	ug/l	88
13) Acrolein	3.58	56	13114	54.725	ug/l	94
14) Allyl chloride	4.29	41	43658	19.551	ug/l #	84
15) Acrylonitrile	4.95	53	81010	104.907	ug/l	99
16) Acetone	3.78	43	100226	141.798	ug/l	98
17) Carbon Disulfide	4.03	76	75428	15.983	ug/l	100
18) Methyl Acetate	4.29	43	48824	20.786	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	113227	20.962	ug/l	98
20) Methylene Chloride	4.52	84	36181	19.087	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	32603	18.514	ug/l	92
22) Diisopropyl ether	5.92	45	105689	20.886	ug/l #	96
23) Vinyl Acetate	5.86	43	373961	95.448	ug/l	96
24) 1,1-Dichloroethane	5.82	63	62596	20.244	ug/l	98
25) 2-Butanone	6.80	43	117760	103.410	ug/l	91
26) 2,2-Dichloropropane	6.79	77	58962	19.835	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	40399	19.945	ug/l	89
28) Bromochloromethane	7.17	49	24831	20.093	ug/l #	78
29) Tetrahydrofuran	7.18	42	69536	98.691	ug/l	89
30) Chloroform	7.35	83	67394	21.036	ug/l	98
31) Cyclohexane	7.63	56	53751	18.066	ug/l #	88
32) 1,1,1-Trichloroethane	7.54	97	60544	20.439	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47443	19.266	ug/l	97
37) Ethyl Acetate	6.90	43	44588	19.306	ug/l	97
38) Carbon Tetrachloride	7.75	117	51766	19.325	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	54413	17.921	ug/l	92
40) Benzene	8.02	78	141839	19.314	ug/l	99
41) Methacrylonitrile	7.15	41	21621m	19.006	ug/l	
42) 1,2-Dichloroethane	8.10	62	52183	20.957	ug/l	97
43) Isopropyl Acetate	8.14	43	77516	19.513	ug/l #	95
44) Trichloroethene	8.82	130	41364	20.632	ug/l	92
45) 1,2-Dichloropropane	9.10	63	38086	20.958	ug/l	98
46) Dibromomethane	9.19	93	26725	20.848	ug/l	93
47) Bromodichloromethane	9.39	83	53756	20.809	ug/l	98
48) Methyl methacrylate	9.18	41	32846	18.485	ug/l	89
49) 1,4-Dioxane	9.18	88	13545	416.393	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	228540	99.519	ug/l	96
52) Toluene	10.14	92	91559	19.737	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58638	20.329	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	62993	20.756	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	37642	20.488	ug/l	98
56) Ethyl methacrylate	10.42	69	53172	18.940	ug/l	93
57) 1,3-Dichloropropane	10.70	76	61549	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	86242	101.992	ug/l	92
59) 2-Hexanone	10.74	43	172331	101.863	ug/l	94
60) Dibromochloromethane	10.89	129	43392	20.740	ug/l	99
61) 1,2-Dibromoethane	11.00	107	39570	20.549	ug/l	99
64) Tetrachloroethene	10.62	164	48402	23.013	ug/l	96
65) Chlorobenzene	11.43	112	101332	19.978	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40188	20.505	ug/l	98
67) Ethyl Benzene	11.51	91	179230	19.465	ug/l	97
68) m/p-Xylenes	11.62	106	134729	38.736	ug/l	94
69) o-Xylene	11.94	106	66219	19.447	ug/l	94
70) Styrene	11.96	104	105521	18.519	ug/l	97
71) Bromoform	12.12	173	32065	20.425	ug/l #	99
73) Isopropylbenzene	12.25	105	178473	19.863	ug/l	99
74) N-amyl acetate	12.07	43	64513	18.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	52329	20.090	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50082m	24.291	ug/l	
77) Bromobenzene	12.52	156	46223	20.315	ug/l	83
78) n-propylbenzene	12.59	91	195762	19.412	ug/l	97
79) 2-Chlorotoluene	12.67	91	118076	19.681	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	148293	19.625	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	18765	19.545	ug/l	95
82) 4-Chlorotoluene	12.77	91	120009	19.943	ug/l	95
83) tert-Butylbenzene	12.99	119	129197	19.769	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	147699	19.757	ug/l	99
85) sec-Butylbenzene	13.17	105	169861	19.782	ug/l	99
86) p-Isopropyltoluene	13.29	119	155989	19.634	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	79451	20.102	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	78666	19.951	ug/l	98
89) n-Butylbenzene	13.61	91	134216	19.813	ug/l	99
90) Hexachloroethane	13.87	117	28708	19.312	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	79898	20.448	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11250	18.820	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47336	20.161	ug/l	99
94) Hexachlorobutadiene	15.01	225	26344	20.361	ug/l	98
95) Naphthalene	15.13	128	128386	19.224	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47946	20.980	ug/l	98

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

