

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059306.D
 Acq On : 19 Nov 2019 14:55
 Operator : JC/SP
 Sample : VN1119MBS03
 Misc : 5.00µl/10mL/100µl/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119MBS03

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:13 PM

Quant Time: Nov 20 02:38:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	419796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	659505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	583859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	236881	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	7.57	113	190270	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.08	98	707115	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	256728	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	70735	16.724	ug/l	100
3) Chloromethane	2.04	50	82421	14.335	ug/l	99
4) Vinyl Chloride	2.17	62	85252	15.294	ug/l	100
5) Bromomethane	2.55	94	46964	14.641	ug/l	98
6) Chloroethane	2.69	64	43873	13.305	ug/l	93
7) Trichlorofluoromethane	3.00	101	84220	12.632	ug/l	98
8) Diethyl Ether	3.39	74	36158	13.347	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	52571	13.077	ug/l	99
10) Methyl Iodide	3.93	142	60488	12.156	ug/l	99
11) Tert butyl alcohol	4.74	59	57555	58.523	ug/l	97
12) 1,1-Dichloroethene	3.72	96	51849	13.240	ug/l	96
13) Acrolein	3.58	56	13312	26.254	ug/l	94
14) Allyl chloride	4.29	41	98046	12.189	ug/l	99
15) Acrylonitrile	4.95	53	150049	61.307	ug/l	100
16) Acetone	3.79	43	154796	57.684	ug/l	99
17) Carbon Disulfide	4.03	76	166960	13.734	ug/l	99
18) Methyl Acetate	4.29	43	87388	13.720	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	173664	12.881	ug/l	98
20) Methylene Chloride	4.52	84	60318	12.902	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	55704	13.252	ug/l	94
22) Diisopropyl ether	5.92	45	186941	12.304	ug/l	94
23) Vinyl Acetate	5.86	43	730241	62.013	ug/l	99
24) 1,1-Dichloroethane	5.82	63	108007	12.727	ug/l	99
25) 2-Butanone	6.81	43	202201	57.172	ug/l	100
26) 2,2-Dichloropropane	6.80	77	91231	12.294	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	63103	12.940	ug/l	98
28) Bromochloromethane	7.17	49	38242	14.978	ug/l	96
29) Tetrahydrofuran	7.18	42	137226	61.065	ug/l	99
30) Chloroform	7.35	83	105345	12.941	ug/l	99
31) Cyclohexane	7.63	56	103938	12.938	ug/l #	89
32) 1,1,1-Trichloroethane	7.55	97	88439	12.922	ug/l	98
36) 1,1-Dichloropropene	7.77	75	78174	12.681	ug/l	99
37) Ethyl Acetate	6.90	43	82318	12.004	ug/l	99
38) Carbon Tetrachloride	7.75	117	76095	12.402	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	94136	13.158	ug/l	99
40) Benzene	8.02	78	240057	12.932	ug/l	99
41) Methacrylonitrile	7.16	41	40747m	13.664	ug/l	
42) 1,2-Dichloroethane	8.10	62	79165	12.434	ug/l	100
43) Isopropyl Acetate	8.14	43	127080	11.624	ug/l	92
44) Trichloroethene	8.82	130	60464	13.250	ug/l	98
45) 1,2-Dichloropropane	9.10	63	62867	12.468	ug/l	99
46) Dibromomethane	9.19	93	38652	12.302	ug/l	100
47) Bromodichloromethane	9.39	83	77229	12.309	ug/l	96
48) Methyl methacrylate	9.19	41	56004	11.452	ug/l	98
49) 1,4-Dioxane	9.18	88	20012	230.267	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	387519	62.643	ug/l	99
52) Toluene	10.15	92	144000	12.942	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	87568	12.081	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	98760	12.666	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	55962	12.428	ug/l	98
56) Ethyl methacrylate	10.42	69	80964	12.250	ug/l	97
57) 1,3-Dichloropropane	10.70	76	97323	12.558	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	192513	76.821	ug/l	99
59) 2-Hexanone	10.74	43	286827	60.408	ug/l	100
60) Dibromochloromethane	10.90	129	57002	11.973	ug/l	99
61) 1,2-Dibromoethane	11.00	107	56295	12.350	ug/l	99
64) Tetrachloroethene	10.63	164	53006	13.351	ug/l	97
65) Chlorobenzene	11.43	112	149896	13.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	53319	12.488	ug/l	96
67) Ethyl Benzene	11.51	91	268877	13.315	ug/l	99
68) m/p-Xylenes	11.62	106	197941	26.168	ug/l	99
69) o-Xylene	11.95	106	94538	12.932	ug/l	99
70) Styrene	11.96	104	145046	12.616	ug/l	99
71) Bromoform	12.13	173	38825	11.691	ug/l #	97
73) Isopropylbenzene	12.25	105	250958	13.285	ug/l	99
74) N-amyl acetate	12.07	43	91841	11.473	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	83079	12.914	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76952m	13.015	ug/l	
77) Bromobenzene	12.53	156	60452	12.737	ug/l	98
78) n-propylbenzene	12.59	91	286107	13.227	ug/l	99
79) 2-Chlorotoluene	12.68	91	171877	12.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	211664	13.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27090	12.102	ug/l	100
82) 4-Chlorotoluene	12.77	91	174760	12.985	ug/l	99
83) tert-Butylbenzene	12.99	119	178700	12.927	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	203540	13.143	ug/l	99
85) sec-Butylbenzene	13.17	105	240095	13.355	ug/l	100
86) p-Isopropyltoluene	13.29	119	213422	13.445	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105014	12.921	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	101756	12.513	ug/l	98
89) n-Butylbenzene	13.62	91	178346	12.836	ug/l	99
90) Hexachloroethane	13.88	117	37588	11.792	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	101943	12.751	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15376	12.000	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53097	13.326	ug/l	97
94) Hexachlorobutadiene	15.01	225	36860	13.371	ug/l	99
95) Naphthalene	15.13	128	141243	12.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	54372	12.135	ug/l	97

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

