

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059228.D
 Acq On : 14 Nov 2019 13:09
 Operator : JC/SP
 Sample : VN1114MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 10:21:58 AM

Quant Time: Nov 15 07:01:50 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	381467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	600140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	544667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	240469	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	7.57	113	189573	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.08	98	705538	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	253073	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	69660	18.124	ug/l	100
3) Chloromethane	2.04	50	93342	17.866	ug/l	98
4) Vinyl Chloride	2.17	62	94408	18.638	ug/l	98
5) Bromomethane	2.54	94	57050	19.572	ug/l	98
6) Chloroethane	2.68	64	57321	19.130	ug/l	98
7) Trichlorofluoromethane	3.00	101	120899	19.955	ug/l	98
8) Diethyl Ether	3.39	74	48970	19.892	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	73766	20.193	ug/l	99
10) Methyl Iodide	3.93	142	84622	18.715	ug/l	98
11) Tert butyl alcohol	4.76	59	101043	113.066	ug/l	99
12) 1,1-Dichloroethene	3.72	96	68280	19.188	ug/l	97
13) Acrolein	3.58	56	32511	70.560	ug/l	95
14) Allyl chloride	4.30	41	136811	18.717	ug/l	99
15) Acrylonitrile	4.96	53	248027	111.522	ug/l	99
16) Acetone	3.79	43	209062	85.735	ug/l	99
17) Carbon Disulfide	4.03	76	187144	16.942	ug/l	99
18) Methyl Acetate	4.30	43	130565	22.558	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	251778	20.551	ug/l	99
20) Methylene Chloride	4.53	84	83717	19.706	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	74830	19.591	ug/l	97
22) Diisopropyl ether	5.93	45	284281	20.590	ug/l	96
23) Vinyl Acetate	5.87	43	1172227	109.549	ug/l	99
24) 1,1-Dichloroethane	5.82	63	154306	20.010	ug/l	99
25) 2-Butanone	6.81	43	333108	103.650	ug/l	99
26) 2,2-Dichloropropane	6.80	77	127805	18.954	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	88300	19.926	ug/l	99
28) Bromochloromethane	7.17	49	49051	21.142	ug/l	99
29) Tetrahydrofuran	7.19	42	228603	111.949	ug/l	100
30) Chloroform	7.35	83	152678	20.639	ug/l	97
31) Cyclohexane	7.63	56	131811	18.056	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	128068	20.592	ug/l	100
36) 1,1-Dichloropropene	7.77	75	108774	19.391	ug/l	99
37) Ethyl Acetate	6.91	43	138045	22.121	ug/l	100
38) Carbon Tetrachloride	7.75	117	110212	19.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	117152	17.995	ug/l	100
40) Benzene	8.02	78	338216	20.022	ug/l	98
41) Methacrylonitrile	7.15	41	53381m	19.671	ug/l	
42) 1,2-Dichloroethane	8.10	62	120466	20.793	ug/l	99
43) Isopropyl Acetate	8.15	43	204493	20.554	ug/l	99
44) Trichloroethene	8.82	130	83972	20.222	ug/l	97
45) 1,2-Dichloropropane	9.10	63	94161	20.522	ug/l	99
46) Dibromomethane	9.19	93	57554	20.130	ug/l	99
47) Bromodichloromethane	9.39	83	117588	20.596	ug/l	96
48) Methyl methacrylate	9.18	41	91886	20.648	ug/l	99
49) 1,4-Dioxane	9.19	88	35379	447.355	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	675316	119.964	ug/l	99
52) Toluene	10.15	92	201107	19.863	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	129854	19.686	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139726	19.693	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	84188	20.546	ug/l	97
56) Ethyl methacrylate	10.42	69	123612	19.283	ug/l	98
57) 1,3-Dichloropropane	10.70	76	147172	20.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	263632	115.607	ug/l	100
59) 2-Hexanone	10.75	43	488147	112.977	ug/l	100
60) Dibromochloromethane	10.90	129	89043	20.553	ug/l	99
61) 1,2-Dibromoethane	11.00	107	84495	20.370	ug/l	98
64) Tetrachloroethene	10.63	164	70686	19.085	ug/l	97
65) Chlorobenzene	11.43	112	213744	20.131	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	83255	20.903	ug/l	99
67) Ethyl Benzene	11.51	91	377891	20.060	ug/l	99
68) m/p-Xylenes	11.62	106	278043	39.402	ug/l	99
69) o-Xylene	11.95	106	135127	19.815	ug/l	99
70) Styrene	11.96	104	213356	19.893	ug/l	99
71) Bromoform	12.13	173	66171	21.359	ug/l #	98
73) Isopropylbenzene	12.25	105	361930	20.344	ug/l	100
74) N-amyl acetate	12.07	43	155659	20.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	133411	22.021	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	118077m	21.206	ug/l	
77) Bromobenzene	12.53	156	88491	19.798	ug/l	98
78) n-propylbenzene	12.59	91	417109	20.477	ug/l	100
79) 2-Chlorotoluene	12.67	91	256899	20.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	305170	20.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43879	20.815	ug/l	98
82) 4-Chlorotoluene	12.77	91	252283	19.906	ug/l	98
83) tert-Butylbenzene	12.99	119	262970	20.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	299159	20.512	ug/l	100
85) sec-Butylbenzene	13.17	105	341773	20.187	ug/l	100
86) p-Isopropyltoluene	13.29	119	302020	20.203	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	154424	20.176	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	149557	19.530	ug/l	99
89) n-Butylbenzene	13.62	91	243018	18.574	ug/l	99
90) Hexachloroethane	13.88	117	61989	20.651	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	154516	20.522	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27075	22.415	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	74958	18.456	ug/l	99
94) Hexachlorobutadiene	15.01	225	50213	19.342	ug/l	99
95) Naphthalene	15.13	128	223503	19.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	79880	18.931	ug/l	98

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

