

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055043.D
 Acq On : 15 Apr 2019 14:39
 Operator : JC/SP
 Sample : VN0415MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 1:49:23 PM

Quant Time: Apr 16 05:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	433313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	698494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	285487	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.59	113	227454	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.09	98	837809	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.40	95	264418	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	96506	19.597	ug/l	100
3) Chloromethane	2.06	50	122462	19.067	ug/l	100
4) Vinyl Chloride	2.19	62	104407	19.340	ug/l	99
5) Bromomethane	2.55	94	59767	19.569	ug/l	99
6) Chloroethane	2.70	64	56851	19.528	ug/l	95
7) Trichlorofluoromethane	3.01	101	129433	19.171	ug/l	99
8) Diethyl Ether	3.41	74	41771	19.382	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	68540	19.398	ug/l	99
10) Methyl Iodide	3.94	142	124712	22.745	ug/l	94
11) Tert butyl alcohol	4.82	59	28871	91.446	ug/l	96
12) 1,1-Dichloroethene	3.73	96	64014	18.613	ug/l	98
13) Acrolein	3.60	56	34391	88.128	ug/l	99
14) Allyl chloride	4.31	41	165712	19.684	ug/l	99
15) Acrylonitrile	4.99	53	189764	100.461	ug/l	99
16) Acetone	3.82	43	154253	98.671	ug/l	99
17) Carbon Disulfide	4.04	76	203238	18.306	ug/l	97
18) Methyl Acetate	4.33	43	91197	19.978	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	246098	20.003	ug/l	94
20) Methylene Chloride	4.54	84	102239	18.604	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	89823	19.310	ug/l	96
22) Diisopropyl ether	5.96	45	345238	19.949	ug/l	98
23) Vinyl Acetate	5.90	43	1189251	103.965	ug/l	99
24) 1,1-Dichloroethane	5.85	63	182814	19.837	ug/l	98
25) 2-Butanone	6.85	43	243209	104.237	ug/l	100
26) 2,2-Dichloropropane	6.82	77	120591	20.732	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	105346	20.018	ug/l	98
28) Bromochloromethane	7.19	49	88107	19.833	ug/l	100
29) Tetrahydrofuran	7.22	42	157227	102.759	ug/l	99
30) Chloroform	7.37	83	174698	19.515	ug/l	100
31) Cyclohexane	7.65	56	169863	20.101	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	141519	19.954	ug/l	99
36) 1,1-Dichloropropene	7.79	75	125873	19.116	ug/l	100
37) Ethyl Acetate	6.94	43	97368	18.164	ug/l	97
38) Carbon Tetrachloride	7.77	117	116585	18.610	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	139840	19.598	ug/l	99
40) Benzene	8.04	78	386929	19.497	ug/l	99
41) Methacrylonitrile	7.17	41	57630	19.367	ug/l	96
42) 1,2-Dichloroethane	8.13	62	138286	20.070	ug/l	99
43) Isopropyl Acetate	8.17	43	168856	20.443	ug/l	99
44) Trichloroethene	8.83	130	97358	19.586	ug/l	97
45) 1,2-Dichloropropane	9.12	63	109107	19.714	ug/l	98
46) Dibromomethane	9.21	93	62726	19.912	ug/l	98
47) Bromodichloromethane	9.40	83	124076	19.104	ug/l	99
48) Methyl methacrylate	9.20	41	83348	20.358	ug/l	97
49) 1,4-Dioxane	9.21	88	13859	361.315	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	478591	100.291	ug/l	98
52) Toluene	10.16	92	232480	20.454	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	110250	19.424	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	142181	20.183	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	88816	20.282	ug/l	99
56) Ethyl methacrylate	10.43	69	107013	20.362	ug/l	99
57) 1,3-Dichloropropane	10.71	76	149650	20.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	198825	93.172	ug/l	98
59) 2-Hexanone	10.75	43	303136	101.137	ug/l	99
60) Dibromochloromethane	10.90	129	86120	20.140	ug/l	99
61) 1,2-Dibromoethane	11.00	107	81573	20.238	ug/l	99
64) Tetrachloroethene	10.63	164	93156	18.993	ug/l	97
65) Chlorobenzene	11.43	112	235444	19.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	87333	19.557	ug/l	99
67) Ethyl Benzene	11.51	91	423828	19.547	ug/l	100
68) m/p-Xylenes	11.62	106	315584	40.194	ug/l	98
69) o-Xylene	11.95	106	155300	20.422	ug/l	98
70) Styrene	11.96	104	246236	20.003	ug/l	99
71) Bromoform	12.13	173	50701	19.808	ug/l #	100
73) Isopropylbenzene	12.25	105	405843	19.412	ug/l	99
74) N-amyl acetate	12.07	43	116280	19.758	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	104975	18.765	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	83938m	19.812	ug/l	
77) Bromobenzene	12.53	156	98012	18.805	ug/l	99
78) n-propylbenzene	12.59	91	441099	19.528	ug/l	100
79) 2-Chlorotoluene	12.67	91	272917	19.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	327902	19.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	21917	20.687	ug/l	96
82) 4-Chlorotoluene	12.77	91	256769	19.534	ug/l	98
83) tert-Butylbenzene	12.99	119	279192	19.595	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	321062	20.080	ug/l	100
85) sec-Butylbenzene	13.17	105	360940	19.880	ug/l	100
86) p-Isopropyltoluene	13.29	119	308322	19.794	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	155122	19.581	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	147952	19.584	ug/l	99
89) n-Butylbenzene	13.61	91	231538	20.024	ug/l	99
90) Hexachloroethane	13.88	117	46940	18.521	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	152748	19.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12418	18.027	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	61795	18.864	ug/l	98
94) Hexachlorobutadiene	15.01	225	50418	20.479	ug/l	98
95) Naphthalene	15.13	128	131888	17.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	63409	20.621	ug/l	97

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

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