

Data File : VN055381.D
Acq On : 3 May 2019 11:37
Operator : JC/SP
Sample : VN0503MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0503MBS01

Manual Integrations
APPROVED

MMDadoda
5/6/2019 10:47:53 AM

Quant Time: May 03 23:56:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	266087	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	209547	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.09	98	748002	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	241127	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	89564	18.354	ug/l	98
3) Chloromethane	2.06	50	104261	17.254	ug/l	98
4) Vinyl Chloride	2.19	62	91398	18.764	ug/l	98
5) Bromomethane	2.57	94	49916	19.347	ug/l	96
6) Chloroethane	2.71	64	51700	19.593	ug/l	100
7) Trichlorofluoromethane	3.02	101	134184	19.374	ug/l	98
8) Diethyl Ether	3.41	74	48862	20.164	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	79569	19.292	ug/l	97
10) Methyl Iodide	3.96	142	108046	18.614	ug/l	99
11) Tert butyl alcohol	4.80	59	28921	96.946	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	75143	19.099	ug/l	98
13) Acrolein	3.61	56	12833	55.083	ug/l	97
14) Allyl chloride	4.33	41	160301	19.672	ug/l	100
15) Acrylonitrile	5.00	53	165798	98.876	ug/l	100
16) Acetone	3.82	43	152210	93.751	ug/l	97
17) Carbon Disulfide	4.06	76	169595	16.517	ug/l	98
18) Methyl Acetate	4.33	43	87518	21.539	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	231631	20.942	ug/l	99
20) Methylene Chloride	4.56	84	90738	18.310	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	79449	19.067	ug/l	97
22) Diisopropyl ether	5.95	45	337076	20.819	ug/l	93
23) Vinyl Acetate	5.90	43	1067872	100.635	ug/l	99
24) 1,1-Dichloroethane	5.85	63	173496	20.112	ug/l	98
25) 2-Butanone	6.84	43	200379	96.507	ug/l	98
26) 2,2-Dichloropropane	6.82	77	116315	19.526	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	97578	20.592	ug/l	98
28) Bromochloromethane	7.20	49	88013	20.241	ug/l	99
29) Tetrahydrofuran	7.22	42	132761	99.857	ug/l	99
30) Chloroform	7.37	83	162023	19.813	ug/l	99
31) Cyclohexane	7.65	56	154247	18.820	ug/l	98
32) 1,1,1-Trichloroethane	7.58	97	128801	19.407	ug/l	99
36) 1,1-Dichloropropene	7.79	75	115499	18.758	ug/l	98
37) Ethyl Acetate	6.93	43	88198	18.690	ug/l	99
38) Carbon Tetrachloride	7.78	117	109191	18.384	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124002	18.942	ug/l	96
40) Benzene	8.04	78	354039	19.505	ug/l	98
41) Methacrylonitrile	7.17	41	38857	15.729	ug/l #	79
42) 1,2-Dichloroethane	8.12	62	123384	19.192	ug/l	100
43) Isopropyl Acetate	8.17	43	151641	19.995	ug/l	100
44) Trichloroethene	8.84	130	89735	19.392	ug/l	99
45) 1,2-Dichloropropane	9.12	63	103629	19.795	ug/l	99
46) Dibromomethane	9.21	93	53208	18.594	ug/l	95
47) Bromodichloromethane	9.40	83	117875	19.201	ug/l	98
48) Methyl methacrylate	9.20	41	74723	20.042	ug/l	97
49) 1,4-Dioxane	9.20	88	14172	367.723	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	414982	97.190	ug/l	99
52) Toluene	10.16	92	202809	19.473	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	102424	19.219	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	131953	19.859	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	76928	19.891	ug/l	98
56) Ethyl methacrylate	10.43	69	96861	20.348	ug/l	97
57) 1,3-Dichloropropane	10.71	76	136164	20.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	96946	74.772	ug/l	99
59) 2-Hexanone	10.75	43	255479	95.629	ug/l	98
60) Dibromochloromethane	10.90	129	74540	18.858	ug/l	96
61) 1,2-Dibromoethane	11.01	107	70336	19.677	ug/l	99
64) Tetrachloroethene	10.63	164	89929	20.357	ug/l	98
65) Chlorobenzene	11.43	112	208802	19.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	79123	19.132	ug/l	99
67) Ethyl Benzene	11.51	91	379249	19.885	ug/l	99
68) m/p-Xylenes	11.62	106	271883	39.938	ug/l	99
69) o-Xylene	11.95	106	138746	20.563	ug/l	98
70) Styrene	11.96	104	220042	21.239	ug/l	99
71) Bromoform	12.12	173	44013	19.180	ug/l #	99
73) Isopropylbenzene	12.25	105	368956	21.563	ug/l	99
74) N-amyl acetate	12.07	43	105950	20.799	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	87774	20.439	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	81948m	20.739	ug/l	
77) Bromobenzene	12.53	156	87203	21.786	ug/l	95
78) n-propylbenzene	12.59	91	400242	19.631	ug/l	100
79) 2-Chlorotoluene	12.67	91	241391	20.890	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	299858	19.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18846	17.994	ug/l	89
82) 4-Chlorotoluene	12.77	91	226749	19.127	ug/l	100
83) tert-Butylbenzene	12.99	119	261711	22.140	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	282407	20.293	ug/l	99
85) sec-Butylbenzene	13.17	105	332688	19.671	ug/l	98
86) p-Isopropyltoluene	13.29	119	277744	19.980	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	130574	19.659	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	120607	19.282	ug/l	96
89) n-Butylbenzene	13.61	91	203957	20.648	ug/l	100
90) Hexachloroethane	13.87	117	44180	19.099	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	128824	19.570	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11234	21.514	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	38710	17.239	ug/l	93
94) Hexachlorobutadiene	15.01	225	47379	22.372	ug/l	96
95) Naphthalene	15.13	128	78624	16.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43451	18.725	ug/l	97

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

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