

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059310.D
 Acq On : 19 Nov 2019 17:02
 Operator : JC/SP
 Sample : VN1119MBS04
 Misc : 5.00µl/10mL/100µl/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119MBS04

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:01 PM

Quant Time: Nov 20 02:55:43 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	358993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	563706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	502631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230069	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	214928	48.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.40%	
35) Dibromofluoromethane	7.57	113	175007	51.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.98%	
50) Toluene-d8	10.08	98	644563	48.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.40	95	238685	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	110592	30.576	ug/l	99
3) Chloromethane	2.04	50	125282	25.481	ug/l	99
4) Vinyl Chloride	2.17	62	133790	28.067	ug/l	99
5) Bromomethane	2.55	94	72402	26.394	ug/l	97
6) Chloroethane	2.69	64	67786	24.039	ug/l	98
7) Trichlorofluoromethane	3.00	101	131945	23.141	ug/l	98
8) Diethyl Ether	3.38	74	55579	23.990	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	84089	24.460	ug/l	100
10) Methyl Iodide	3.93	142	97781	22.979	ug/l	99
11) Tert butyl alcohol	4.74	59	84895	100.944	ug/l	99
12) 1,1-Dichloroethene	3.71	96	81828	24.435	ug/l	99
13) Acrolein	3.58	56	33446	77.134	ug/l	99
14) Allyl chloride	4.29	41	151868	22.077	ug/l	98
15) Acrylonitrile	4.95	53	229774	109.783	ug/l	98
16) Acetone	3.79	43	262793	114.516	ug/l	97
17) Carbon Disulfide	4.03	76	259591	24.971	ug/l	99
18) Methyl Acetate	4.29	43	134211	24.640	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	274570	23.814	ug/l	100
20) Methylene Chloride	4.52	84	93345	23.348	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	88907	24.733	ug/l	95
22) Diisopropyl ether	5.92	45	300232	23.107	ug/l	97
23) Vinyl Acetate	5.86	43	1127677	111.983	ug/l	100
24) 1,1-Dichloroethane	5.82	63	168242	23.183	ug/l	100
25) 2-Butanone	6.81	43	328224	108.524	ug/l	99
26) 2,2-Dichloropropane	6.80	77	142489	22.454	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	98986	23.736	ug/l	97
28) Bromochloromethane	7.17	49	48663	22.288	ug/l	96
29) Tetrahydrofuran	7.18	42	208876	108.692	ug/l	98
30) Chloroform	7.35	83	158730	22.801	ug/l	100
31) Cyclohexane	7.63	56	160054	23.297	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	137462	23.486	ug/l	99
36) 1,1-Dichloropropene	7.77	75	123729	23.482	ug/l	98
37) Ethyl Acetate	6.90	43	127672	21.781	ug/l	98
38) Carbon Tetrachloride	7.75	117	119902	22.863	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	152523	24.942	ug/l	99
40) Benzene	8.02	78	379772	23.935	ug/l	98
41) Methacrylonitrile	7.15	41	60534m	23.749	ug/l	
42) 1,2-Dichloroethane	8.10	62	126387	23.225	ug/l	99
43) Isopropyl Acetate	8.14	43	202953	21.718	ug/l	99
44) Trichloroethene	8.82	130	93921	24.080	ug/l	99
45) 1,2-Dichloropropane	9.10	63	99182	23.014	ug/l	100
46) Dibromomethane	9.19	93	60659	22.587	ug/l	98
47) Bromodichloromethane	9.39	83	123119	22.958	ug/l	100
48) Methyl methacrylate	9.18	41	89095	21.315	ug/l	98
49) 1,4-Dioxane	9.18	88	30220	406.819	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	615922	116.485	ug/l	100
52) Toluene	10.15	92	227102	23.880	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	141182	22.787	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	155862	23.387	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	88157	22.905	ug/l	99
56) Ethyl methacrylate	10.42	69	130483	21.438	ug/l	98
57) 1,3-Dichloropropane	10.70	76	153949	23.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	199800	93.279	ug/l	100
59) 2-Hexanone	10.74	43	456939	112.589	ug/l	100
60) Dibromochloromethane	10.90	129	92620	22.761	ug/l	100
61) 1,2-Dibromoethane	11.00	107	89396	22.944	ug/l	98
64) Tetrachloroethene	10.63	164	96319	28.181	ug/l	96
65) Chlorobenzene	11.43	112	235118	23.996	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	85733	23.325	ug/l	100
67) Ethyl Benzene	11.51	91	429760	24.721	ug/l	98
68) m/p-Xylenes	11.62	106	319376	49.045	ug/l	100
69) o-Xylene	11.95	106	152369	24.212	ug/l	97
70) Styrene	11.96	104	236655	23.911	ug/l	99
71) Bromoform	12.13	173	63742	22.295	ug/l #	99
73) Isopropylbenzene	12.25	105	408783	24.426	ug/l	100
74) N-amyl acetate	12.07	43	152282	21.474	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	128126	22.482	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117629m	22.457	ug/l	
77) Bromobenzene	12.53	156	98210	23.358	ug/l	96
78) n-propylbenzene	12.59	91	465882	24.313	ug/l	99
79) 2-Chlorotoluene	12.67	91	280033	23.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	343677	24.236	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	41327	20.840	ug/l	98
82) 4-Chlorotoluene	12.77	91	282772	23.717	ug/l	99
83) tert-Butylbenzene	12.99	119	290813	23.747	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	334945	24.413	ug/l	99
85) sec-Butylbenzene	13.17	105	392176	24.624	ug/l	100
86) p-Isopropyltoluene	13.29	119	348996	24.817	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	167788	23.304	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	167331	23.228	ug/l	100
89) n-Butylbenzene	13.62	91	299572	24.339	ug/l	99
90) Hexachloroethane	13.88	117	61779	21.878	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	167450	23.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22906	20.161	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	90970	22.926	ug/l	99
94) Hexachlorobutadiene	15.01	225	59849	24.507	ug/l	97
95) Naphthalene	15.13	128	240808	22.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	90288	22.747	ug/l	99

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

