

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059339.D
 Acq On : 21 Nov 2019 16:34
 Operator : JC/SP
 Sample : K5957-04ME
 Misc : 4.33µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

Quant Time: Nov 22 06:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	2288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	3807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129671	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	1539	118.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.98%	
35) Dibromofluoromethane	7.57	113	420	30.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.20%	
50) Toluene-d8	10.08	98	96771	1773.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3546.70%	
62) 4-Bromofluorobenzene	12.39	95	830580	43530.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87060.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	576	34.069	ug/l #	85
5) Bromomethane	2.57	94	289	29.905	ug/l #	79
6) Chloroethane	2.59	64	478	50.315	ug/l #	44
10) Methyl Iodide	3.91	142	29	2.036	ug/l #	41
11) Tert butyl alcohol	4.71	59	12046	4651.659	ug/l #	73
13) Acrolein	3.58	56	116	49.071	ug/l	84
14) Allyl chloride	4.30	41	297	13.665	ug/l #	53
15) Acrylonitrile	5.00	53	137	20.009	ug/l #	18
16) Acetone	3.82	43	950	163.808	ug/l	92
17) Carbon Disulfide	4.00	76	3105	85.056	ug/l #	81
18) Methyl Acetate	4.29	43	917	47.644	ug/l #	53
20) Methylene Chloride	4.51	84	673	51.453	ug/l #	65
23) Vinyl Acetate	5.88	43	95	2.952	ug/l #	73
25) 2-Butanone	6.80	43	358	39.698	ug/l #	49
30) Chloroform	7.35	83	1745	78.147	ug/l	98
31) Cyclohexane	7.62	56	22722	997.682	ug/l #	72
37) Ethyl Acetate	6.86	43	97	3.821	ug/l #	68
39) Methylcyclohexane	9.07	83	200865	7052.221	ug/l	97
40) Benzene	8.02	78	407	5.871	ug/l #	53
41) Methacrylonitrile	7.18	41	70	6.212	ug/l #	100
43) Isopropyl Acetate	8.13	43	9378	241.730	ug/l #	54
44) Trichloroethene	8.82	130	841	47.867	ug/l	80
45) 1,2-Dichloropropane	9.06	63	1615	87.363	ug/l #	1
46) Dibromomethane	9.36	93	211	18.608	ug/l #	1
47) Bromodichloromethane	9.35	83	5326	234.536	ug/l #	64
48) Methyl methacrylate	9.26	41	11530	653.548	ug/l #	37
51) 4-Methyl-2-Pentanone	10.08	43	81774	3601.100	ug/l #	39
52) Toluene	10.15	92	904	21.687	ug/l #	1
53) t-1,3-Dichloropropene	10.38	75	490	18.562	ug/l #	1
54) cis-1,3-Dichloropropene	9.84	75	126	4.399	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	483359	29823.666	ug/l #	18
56) Ethyl methacrylate	10.43	69	224421	7841.466	ug/l #	1
57) 1,3-Dichloropropane	10.71	76	150	5.310	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.72	63	1827	188.055	ug/l #	49

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	10.72	43	1408513	84708.124	ug/l #	28
60) Dibromochloromethane	10.82	129	3044	178.233	ug/l	63
61) 1,2-Dibromoethane	11.00	107	1657	98.259	ug/l #	1
64) Tetrachloroethene	10.63	164	12045	409.086	ug/l	97
65) Chlorobenzene	11.54	112	132185	1614.795	ug/l #	42
67) Ethyl Benzene	11.51	91	4041477	27651.343	ug/l #	86
68) m/p-Xylenes	11.63	106	1524994	28079.617	ug/l	96
69) o-Xylene	11.95	106	14692	282.574	ug/l #	1
73) Isopropylbenzene	12.25	105	5063087	476.640	ug/l	82
74) N-amyl acetate	12.05	43	3568644	835.934	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.47	83	669115	190.420	ug/l #	54
76) 1,2,3-Trichloropropane	12.60	75	118023	39.397	ug/l #	100
77) Bromobenzene	12.52	156	4719	1.832	ug/l #	1
78) n-propylbenzene	12.60	91	8105283	673.614	ug/l #	43
79) 2-Chlorotoluene	12.66	91	3068701	415.499	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.66	105	7915674	886.456	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.25	75	74224	61.970	ug/l #	5
82) 4-Chlorotoluene	12.74	91	3038964	397.626	ug/l #	49
83) tert-Butylbenzene	13.00	119	1366205	181.154	ug/l	93
84) 1,2,4-Trimethylbenzene	13.05	105	12167708	1391.036	ug/l #	40
85) sec-Butylbenzene	13.18	105	6457163	637.029	ug/l #	19
86) p-Isopropyltoluene	13.45	119	2223146	246.470	ug/l	96
87) 1,3-Dichlorobenzene	13.29	146	1186	0.258	ug/l #	63
88) 1,4-Dichlorobenzene	13.37	146	5579	1.229	ug/l #	1
89) n-Butylbenzene	13.62	91	8994537	1136.736	ug/l #	78
90) Hexachloroethane	13.90	117	1490062	872.283	ug/l #	9
91) 1,2-Dichlorobenzene	13.66	146	2324	0.524	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.30	75	30704	41.099	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	2796	3.892	ug/l #	1
95) Naphthalene	15.13	128	3009794	371.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	1980	2.604	ug/l #	53

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

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