

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059133.D
 Acq On : 8 Nov 2019 10:09
 Operator : JC/SP
 Sample : VN1108MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 10:45:48 AM

Quant Time: Nov 11 01:11:40 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	471423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	725154	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	654768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	296353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	279689	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.56	113	218731	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.08	98	842892	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	298055	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91629	19.291	ug/l	99
3) Chloromethane	2.04	50	118651	18.377	ug/l	100
4) Vinyl Chloride	2.17	62	119532	19.095	ug/l	99
5) Bromomethane	2.54	94	66263	18.395	ug/l	97
6) Chloroethane	2.68	64	71222	19.234	ug/l	96
7) Trichlorofluoromethane	3.00	101	147655	19.721	ug/l	97
8) Diethyl Ether	3.39	74	61508	20.218	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	90412	20.027	ug/l	100
10) Methyl Iodide	3.93	142	91730	16.416	ug/l	99
11) Tert butyl alcohol	4.75	59	100537	91.033	ug/l	98
12) 1,1-Dichloroethene	3.71	96	86598	19.692	ug/l	100
13) Acrolein	3.58	56	49417	86.787	ug/l	99
14) Allyl chloride	4.29	41	171303	18.963	ug/l	100
15) Acrylonitrile	4.95	53	274367	99.825	ug/l	99
16) Acetone	3.79	43	312237	103.612	ug/l	98
17) Carbon Disulfide	4.03	76	250052	18.317	ug/l	100
18) Methyl Acetate	4.29	43	145995	20.411	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	305867	20.202	ug/l	100
20) Methylene Chloride	4.52	84	103308	19.678	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	94027	19.919	ug/l	95
22) Diisopropyl ether	5.92	45	342415	20.068	ug/l	97
23) Vinyl Acetate	5.86	43	1396635	105.615	ug/l	100
24) 1,1-Dichloroethane	5.82	63	188063	19.734	ug/l	100
25) 2-Butanone	6.81	43	396463	99.824	ug/l	100
26) 2,2-Dichloropropane	6.80	77	160743	19.290	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	108271	19.770	ug/l	99
28) Bromochloromethane	7.17	49	55792	19.459	ug/l	99
29) Tetrahydrofuran	7.18	42	247295	97.994	ug/l	99
30) Chloroform	7.35	83	182177	19.928	ug/l	98
31) Cyclohexane	7.63	56	172192	19.086	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	155272	20.202	ug/l	99
36) 1,1-Dichloropropene	7.77	75	133856	19.748	ug/l	100
37) Ethyl Acetate	6.90	43	153373	20.340	ug/l	99
38) Carbon Tetrachloride	7.75	117	136656	20.256	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	156089	19.842	ug/l	98
40) Benzene	8.02	78	413169	20.242	ug/l	100
41) Methacrylonitrile	7.15	41	60088m	18.326	ug/l	
42) 1,2-Dichloroethane	8.10	62	144080	20.581	ug/l	99
43) Isopropyl Acetate	8.14	43	234715	19.525	ug/l	98
44) Trichloroethene	8.82	130	101158	20.161	ug/l	99
45) 1,2-Dichloropropane	9.10	63	113774	20.522	ug/l	99
46) Dibromomethane	9.19	93	67542	19.550	ug/l	98
47) Bromodichloromethane	9.39	83	139962	20.289	ug/l	100
48) Methyl methacrylate	9.18	41	106874	19.876	ug/l	99
49) 1,4-Dioxane	9.18	88	34296	358.899	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	744751	109.491	ug/l	99
52) Toluene	10.14	92	251010	20.518	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	156814	19.675	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	171809	20.040	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	100251	20.248	ug/l	99
56) Ethyl methacrylate	10.42	69	147862	19.108	ug/l	99
57) 1,3-Dichloropropane	10.70	76	175322	20.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	285664	103.673	ug/l	100
59) 2-Hexanone	10.74	43	555643	106.428	ug/l	100
60) Dibromochloromethane	10.89	129	106080	20.264	ug/l	98
61) 1,2-Dibromoethane	11.00	107	100993	20.150	ug/l	100
64) Tetrachloroethene	10.62	164	88655	19.912	ug/l	99
65) Chlorobenzene	11.43	112	258748	20.272	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	99603	20.802	ug/l	100
67) Ethyl Benzene	11.51	91	466206	20.587	ug/l	99
68) m/p-Xylenes	11.62	106	347777	40.997	ug/l	100
69) o-Xylene	11.94	106	165839	20.229	ug/l	99
70) Styrene	11.96	104	263122	20.408	ug/l	99
71) Bromoform	12.12	173	75655	20.314	ug/l #	97
73) Isopropylbenzene	12.25	105	442365	20.521	ug/l	100
74) N-amyl acetate	12.07	43	180790	19.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	150446	20.494	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	137597m	20.394	ug/l	
77) Bromobenzene	12.52	156	105799	19.535	ug/l	97
78) n-propylbenzene	12.59	91	514343	20.838	ug/l	100
79) 2-Chlorotoluene	12.67	91	306705	20.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	376227	20.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50522	19.778	ug/l	99
82) 4-Chlorotoluene	12.77	91	312349	20.339	ug/l	99
83) tert-Butylbenzene	12.99	119	319989	20.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	369515	20.909	ug/l	100
85) sec-Butylbenzene	13.17	105	419722	20.459	ug/l	99
86) p-Isopropyltoluene	13.29	119	377444	20.837	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	182838	19.714	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	180940	19.499	ug/l	99
89) n-Butylbenzene	13.62	91	316094	19.937	ug/l	99
90) Hexachloroethane	13.88	117	71745	19.724	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	185443	20.326	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29671	20.274	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	91918	18.641	ug/l	100
94) Hexachlorobutadiene	15.01	225	61663	19.602	ug/l	99
95) Naphthalene	15.13	128	241587	17.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	94730	18.528	ug/l	98

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

