

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059301.D
 Acq On : 19 Nov 2019 12:45
 Operator : JC/SP
 Sample : VN1119MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 1:37:28 PM

Quant Time: Nov 20 01:16:12 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	382256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	597017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	530207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	217308	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
35) Dibromofluoromethane	7.57	113	181278	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.08	98	665486	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.40	95	241993	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	114835	29.816	ug/l	100
3) Chloromethane	2.04	50	131332	25.086	ug/l	99
4) Vinyl Chloride	2.17	62	140303	27.642	ug/l	100
5) Bromomethane	2.54	94	75199	25.745	ug/l	100
6) Chloroethane	2.68	64	71923	23.954	ug/l	98
7) Trichlorofluoromethane	3.00	101	135636	22.341	ug/l	100
8) Diethyl Ether	3.39	74	58480	23.706	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	87909	24.015	ug/l	97
10) Methyl Iodide	3.93	142	99100	21.871	ug/l	99
11) Tert butyl alcohol	4.75	59	102185	114.108	ug/l	100
12) 1,1-Dichloroethene	3.71	96	85394	23.948	ug/l	98
13) Acrolein	3.58	56	39506	85.565	ug/l	97
14) Allyl chloride	4.29	41	160634	21.930	ug/l	99
15) Acrylonitrile	4.95	53	251262	112.743	ug/l	98
16) Acetone	3.79	43	208674	85.399	ug/l	100
17) Carbon Disulfide	4.03	76	273607	24.718	ug/l	100
18) Methyl Acetate	4.30	43	146654	25.285	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	285703	23.272	ug/l	100
20) Methylene Chloride	4.52	84	96255	22.611	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	92319	24.119	ug/l	95
22) Diisopropyl ether	5.92	45	310741	22.460	ug/l	93
23) Vinyl Acetate	5.87	43	1237583	115.418	ug/l	99
24) 1,1-Dichloroethane	5.82	63	176557	22.848	ug/l	98
25) 2-Butanone	6.81	43	331649	102.983	ug/l	100
26) 2,2-Dichloropropane	6.80	77	146737	21.717	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	103225	23.246	ug/l	98
28) Bromochloromethane	7.17	49	41712	17.942	ug/l	95
29) Tetrahydrofuran	7.19	42	233426	114.075	ug/l	98
30) Chloroform	7.35	83	169406	22.853	ug/l	99
31) Cyclohexane	7.63	56	168015	22.967	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	144794	23.233	ug/l	99
36) 1,1-Dichloropropene	7.77	75	132347	23.717	ug/l	100
37) Ethyl Acetate	6.91	43	140238	22.590	ug/l	99
38) Carbon Tetrachloride	7.75	117	126615	22.796	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	158332	24.447	ug/l	98
40) Benzene	8.02	78	394692	23.487	ug/l	98
41) Methacrylonitrile	7.16	41	65881m	24.405	ug/l	
42) 1,2-Dichloroethane	8.10	62	129445	22.460	ug/l	100
43) Isopropyl Acetate	8.15	43	217581	21.984	ug/l	98
44) Trichloroethene	8.82	130	97639	23.637	ug/l	100
45) 1,2-Dichloropropane	9.10	63	104108	22.809	ug/l	99
46) Dibromomethane	9.19	93	64758	22.768	ug/l	98
47) Bromodichloromethane	9.39	83	126063	22.196	ug/l	97
48) Methyl methacrylate	9.19	41	95931	21.670	ug/l	97
49) 1,4-Dioxane	9.18	88	36681	466.244	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	668481	119.371	ug/l	99
52) Toluene	10.15	92	238323	23.662	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	146336	22.301	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	160156	22.690	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	92038	22.579	ug/l	99
56) Ethyl methacrylate	10.42	69	138489	21.480	ug/l	98
57) 1,3-Dichloropropane	10.70	76	160577	22.888	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	241915	106.639	ug/l	99
59) 2-Hexanone	10.75	43	487112	113.327	ug/l	98
60) Dibromochloromethane	10.90	129	95574	22.176	ug/l	99
61) 1,2-Dibromoethane	11.00	107	95810	23.218	ug/l	99
64) Tetrachloroethene	10.63	164	85165	23.622	ug/l	98
65) Chlorobenzene	11.43	112	246226	23.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	89914	23.190	ug/l	98
67) Ethyl Benzene	11.51	91	445341	24.285	ug/l	99
68) m/p-Xylenes	11.62	106	332875	48.459	ug/l	100
69) o-Xylene	11.95	106	158283	23.843	ug/l	100
70) Styrene	11.96	104	245040	23.470	ug/l	99
71) Bromoform	12.13	173	67316	22.321	ug/l #	100
73) Isopropylbenzene	12.25	105	426451	24.826	ug/l	100
74) N-amyl acetate	12.07	43	164525	22.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	138671	23.705	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	123582m	22.986	ug/l	
77) Bromobenzene	12.53	156	100736	23.342	ug/l	100
78) n-propylbenzene	12.59	91	483106	24.563	ug/l	99
79) 2-Chlorotoluene	12.67	91	293876	24.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	358627	24.639	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45292	22.251	ug/l	99
82) 4-Chlorotoluene	12.77	91	291379	23.810	ug/l	99
83) tert-Butylbenzene	12.99	119	307373	24.453	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	351767	24.979	ug/l	99
85) sec-Butylbenzene	13.17	105	405533	24.807	ug/l	99
86) p-Isopropyltoluene	13.29	119	359941	24.936	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	174103	23.558	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	169794	22.963	ug/l	99
89) n-Butylbenzene	13.62	91	296346	23.457	ug/l	100
90) Hexachloroethane	13.88	117	66145	22.821	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	171965	23.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27290	23.397	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	89422	22.085	ug/l	98
94) Hexachlorobutadiene	15.01	225	61469	24.522	ug/l	99
95) Naphthalene	15.13	128	240826	21.526	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	91557	22.472	ug/l	99

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

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