

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059572.D
 Acq On : 12 Dec 2019 14:27
 Operator : JC/SP
 Sample : VN1212MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBS01

Manual Integrations
 APPROVED

apatel
 12/13/2019 2:17:08 PM

Quant Time: Dec 13 08:40:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	284851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	456343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	419470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	221927	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	
35) Dibromofluoromethane	7.56	113	154875	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	
50) Toluene-d8	10.08	98	589259	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.40	95	211035	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60133	18.303	ug/l	99
3) Chloromethane	2.04	50	98651	19.836	ug/l	98
4) Vinyl Chloride	2.17	62	94206	19.217	ug/l	99
5) Bromomethane	2.54	94	59089	19.790	ug/l	100
6) Chloroethane	2.68	64	56932	19.449	ug/l	97
7) Trichlorofluoromethane	3.00	101	117785	20.100	ug/l	98
8) Diethyl Ether	3.38	74	36239	18.045	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56052	18.379	ug/l	99
10) Methyl Iodide	3.92	142	71318	17.270	ug/l	100
11) Tert butyl alcohol	4.75	59	66871	101.531	ug/l	100
12) 1,1-Dichloroethene	3.71	96	53177	17.936	ug/l	94
13) Acrolein	3.58	56	38788	121.020	ug/l	97
14) Allyl chloride	4.29	41	106261	18.632	ug/l	98
15) Acrylonitrile	4.95	53	171384	98.661	ug/l	100
16) Acetone	3.79	43	183108	98.458	ug/l	100
17) Carbon Disulfide	4.02	76	166070	17.323	ug/l	98
18) Methyl Acetate	4.29	43	94275	19.308	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	202642	20.562	ug/l	100
20) Methylene Chloride	4.52	84	67292	19.914	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	60113	18.891	ug/l	96
22) Diisopropyl ether	5.92	45	218797	20.152	ug/l	97
23) Vinyl Acetate	5.86	43	911791	100.675	ug/l	99
24) 1,1-Dichloroethane	5.81	63	122176	19.820	ug/l	99
25) 2-Butanone	6.81	43	251700	100.547	ug/l	100
26) 2,2-Dichloropropane	6.79	77	108019	19.397	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	69325	19.369	ug/l	99
28) Bromochloromethane	7.17	49	49906	22.994	ug/l	98
29) Tetrahydrofuran	7.18	42	163269	93.765	ug/l	99
30) Chloroform	7.35	83	121043	19.896	ug/l	96
31) Cyclohexane	7.63	56	108975	18.166	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	105306	19.511	ug/l	100
36) 1,1-Dichloropropene	7.77	75	89479	19.112	ug/l	99
37) Ethyl Acetate	6.90	43	105305	20.232	ug/l	98
38) Carbon Tetrachloride	7.75	117	93435	20.247	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	100416	19.120	ug/l	97
40) Benzene	8.02	78	262192	19.603	ug/l	100
41) Methacrylonitrile	7.15	41	45334m	19.925	ug/l	
42) 1,2-Dichloroethane	8.10	62	104091	20.888	ug/l	99
43) Isopropyl Acetate	8.14	43	161891	20.031	ug/l	98
44) Trichloroethene	8.82	130	67497	19.976	ug/l	99
45) 1,2-Dichloropropane	9.10	63	71712	20.240	ug/l	99
46) Dibromomethane	9.19	93	47674	20.360	ug/l	98
47) Bromodichloromethane	9.39	83	95136	20.443	ug/l	100
48) Methyl methacrylate	9.18	41	71202	20.149	ug/l	99
49) 1,4-Dioxane	9.19	88	23246	514.140	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	495371	95.968	ug/l	100
52) Toluene	10.14	92	160352	20.122	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	108479	20.007	ug/l	96
54) cis-1,3-Dichloropropene	9.83	75	113831	20.512	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	64947	20.151	ug/l	99
56) Ethyl methacrylate	10.42	69	93778	18.299	ug/l	99
57) 1,3-Dichloropropane	10.70	76	113717	20.659	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	165721	125.512	ug/l	99
59) 2-Hexanone	10.74	43	373689	96.645	ug/l	99
60) Dibromochloromethane	10.90	129	70116	18.894	ug/l	100
61) 1,2-Dibromoethane	11.00	107	66677	19.872	ug/l	100
64) Tetrachloroethene	10.62	164	65923	21.503	ug/l	98
65) Chlorobenzene	11.43	112	167406	19.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	64441	19.658	ug/l	99
67) Ethyl Benzene	11.51	91	303883	19.213	ug/l	99
68) m/p-Xylenes	11.62	106	222899	37.568	ug/l	97
69) o-Xylene	11.94	106	106337	19.256	ug/l	95
70) Styrene	11.96	104	173353	18.948	ug/l	99
71) Bromoform	12.12	173	49022	19.006	ug/l #	98
73) Isopropylbenzene	12.25	105	288146	19.463	ug/l	98
74) N-amyl acetate	12.07	43	128648	19.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	93922	18.722	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	91505m	18.130	ug/l	
77) Bromobenzene	12.52	156	68980	18.716	ug/l	93
78) n-propylbenzene	12.59	91	342675	18.836	ug/l	99
79) 2-Chlorotoluene	12.67	91	201230	18.550	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	244399	19.251	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	34379	18.326	ug/l #	87
82) 4-Chlorotoluene	12.77	91	211515	19.069	ug/l	99
83) tert-Butylbenzene	12.99	119	200726	18.960	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	242648	19.357	ug/l	99
85) sec-Butylbenzene	13.17	105	276444	19.011	ug/l	99
86) p-Isopropyltoluene	13.29	119	252603	19.436	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	124338	18.315	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	126041	18.962	ug/l	99
89) n-Butylbenzene	13.61	91	231873	19.001	ug/l	98
90) Hexachloroethane	13.87	117	47264	19.802	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	122751	19.268	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22322	20.678	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	77753	17.646	ug/l	99
94) Hexachlorobutadiene	15.01	225	41132	18.272	ug/l	99
95) Naphthalene	15.13	128	228740	17.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	77799	19.663	ug/l	99

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

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