Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
Data File : BM018685.D
Acq On : 29 Jan 2019 19:49
Operator : JU/SJ
Sample : K1008-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-012819MS

Manual Integrations APPROVED
mohammad
1/30/2019 11:10:39 AM

Quant Time: Jan 30 00:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	243402	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	911966	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	453038	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	925379	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	851915	20.00	ng	-0.01
87) Perylene-d12	23.59	264	868623	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1727456	131.05	ng	0.00
7) Phenol-d6	6.90	99	2001122	119.52	ng	0.00
23) Nitrobenzene-d5	8.89	82	1569976	99.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	766316	132.85	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3241729	93.37	ng	-0.01
79) Terphenyl-d14	19.76	244	3867792	95.71	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	217725	40.525	ng	# 38
3) Pyridine	3.69	79	516538	38.563	ng	# 77
4) n-Nitrosodimethylamine	3.59	42	206363	37.257	ng	# 57
6) Aniline	7.07	93	125284	6.708	ng	99
8) 2-Chlorophenol	7.29	128	669561	43.491	ng	99
9) Benzaldehyde	6.89	77	497583	60.412	ng	95
10) Phenol	6.93	94	685167	40.273	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	616475	46.115	ng	94
12) 1,3-Dichlorobenzene	7.61	146	768521	41.917	ng	97
13) 1,4-Dichlorobenzene	7.76	146	785025	42.245	ng	99
14) 1,2-Dichlorobenzene	8.07	146	744020	42.225	ng	99
15) Benzyl Alcohol	7.97	79	596781	49.351	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	548059	32.081	ng	76
17) 2-Methylphenol	8.17	107	518446	44.893	ng	96
18) Hexachloroethane	8.79	117	289636	43.714	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	514943	47.262	ng	# 77
20) 3+4-Methylphenols	8.50	107	677987	42.527	ng	95
22) Acetophenone	8.56	105	985018	43.663	ng	# 90
24) Nitrobenzene	8.93	77	780587	50.430	ng	94
25) Isophorone	9.46	82	1284075	53.903	ng	98
26) 2-Nitrophenol	9.64	139	344819	46.071	ng	94
27) 2,4-Dimethylphenol	9.69	122	556981	49.649	ng	93
28) bis(2-Chloroethoxy)methane	9.93	93	810086	49.226	ng	98
29) 2,4-Dichlorophenol	10.17	162	598537	44.806	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	714334	43.082	ng	99
31) Naphthalene	10.56	128	2041468	46.481	ng	99
32) Benzoic acid	9.83	122	255306m	35.724	ng	
33) 4-Chloroaniline	10.69	127	68992	3.989	ng	97
34) Hexachlorobutadiene	10.83	225	441583	42.156	ng	97
35) Caprolactam	11.50	113	115116m	25.346	ng	
36) 4-Chloro-3-methylphenol	11.81	107	610073	43.531	ng	93
37) 2-Methylnaphthalene	12.18	142	1447825	46.657	ng	98
38) 1-Methylnaphthalene	12.40	142	1358442	45.243	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	751362	47.427	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	981927	112.932	ng		100
43) 2,4,6-Trichlorophenol	12.80	196	465022	48.336	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	478045	47.247	ng		99
46) 1,1'-Biphenyl	13.20	154	1770797	44.766	ng		99
47) 2-Chloronaphthalene	13.25	162	1378625	44.943	ng		99
48) 2-Nitroaniline	13.47	65	355792	47.145	ng		97
49) Acenaphthylene	14.10	152	2120093	47.426	ng		99
50) Dimethylphthalate	13.84	163	1600281	43.010	ng		99
51) 2,6-Dinitrotoluene	13.97	165	347716	44.119	ng		98
52) Acenaphthene	14.44	154	1234641	45.139	ng		98
53) 3-Nitroaniline	14.30	138	48854	6.149	ng		86
54) 2,4-Dinitrophenol	14.50	184	287986	68.624	ng		95
55) Dibenzofuran	14.77	168	1969634	43.583	ng		98
56) 4-Nitrophenol	14.61	139	504957	73.564	ng		91
57) 2,4-Dinitrotoluene	14.75	165	470634	42.205	ng		92
58) Fluorene	15.43	166	1553382	46.141	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	420029	46.834	ng		97
60) Diethylphthalate	15.20	149	1580144	42.069	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	809428	41.716	ng		98
62) 4-Nitroaniline	15.46	138	258012	29.771	ng		95
63) Azobenzene	15.72	77	1502833	49.074	ng		92
65) 4,6-Dinitro-2-methylphenol	15.52	198	218369	38.256	ng		84
66) n-Nitrosodiphenylamine	15.64	169	1321544	46.039	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	469502	45.338	ng		97
68) Hexachlorobenzene	16.42	284	516579	44.560	ng		98
69) Atrazine	16.60	200	447570	43.130	ng		99
70) Pentachlorophenol	16.77	266	602612	79.370	ng		99
71) Phenanthrene	17.17	178	2303471	46.799	ng		100
72) Anthracene	17.26	178	2337044	49.376	ng		100
73) Carbazole	17.54	167	2027056	41.685	ng		99
74) Di-n-butylphthalate	18.09	149	2430705	45.634	ng		100
75) Fluoranthene	19.19	202	2511756	44.262	ng		99
77) Benzidine	19.39	184	349043	16.593	ng		99
78) Pyrene	19.56	202	2576739	51.027	ng		100
80) Butylbenzylphthalate	20.46	149	1032640	47.924	ng		95
81) Benzo(a)anthracene	21.30	228	2434807	48.514	ng		100
82) 3,3'-Dichlorobenzidine	21.24	252	214932	11.325	ng		99
83) Chrysene	21.36	228	2299311	47.444	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1435162	46.124	ng		100
85) Di-n-octyl phthalate	22.12	149	2450981	46.835	ng	#	91
86) Indeno(1,2,3-cd)pyrene	25.89	276	3052778	54.627	ng		97
88) Benzo(b)fluoranthene	22.90	252	2468094	50.049	ng		98
89) Benzo(k)fluoranthene	22.95	252	2318249	46.647	ng		98
90) Benzo(a)pyrene	23.49	252	2358208	49.951	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2569011	53.704	ng		99
92) Benzo(g,h,i)perylene	26.60	276	2590688	55.653	ng		97

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

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