Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011425.D
Acq On : 05 Sep 2017 10:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Sep 05 12:05:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	431985	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	1999134	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1146173	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2609877	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3224999	20.00	ng		-0.01
86) Perylene-d12	23.90	264	3149517	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1994906	77.73	ng		0.00
7) Phenol-d6	7.13	99	2919926	82.05	ng		0.00
23) Nitrobenzene-d5	9.15	82	2589238	85.35	ng		-0.01
41) 2,4,6-Tribromophenol	16.10	330	1021480	77.03	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	6464167	81.30	ng		-0.01
78) Terphenyl-d14	19.96	244	9936359	76.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	403293	37.705	ng	#	100
3) Pyridine	3.83	79	1176993	35.933	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	670101	40.066	ng	#	74
6) Aniline	7.30	93	1583651	32.767	ng		94
8) 2-Chlorophenol	7.55	128	1190938	39.364	ng		92
9) Benzaldehyde	7.12	77	773030	37.371	ng		98
10) Phenol	7.16	94	1572813	40.204	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1241518	39.706	ng	#	82
12) 1,3-Dichlorobenzene	7.87	146	1338822	38.861	ng		97
13) 1,4-Dichlorobenzene	8.02	146	1352909	38.614	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1324813	39.067	ng		98
15) Benzyl Alcohol	8.22	79	889514	34.573	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.51	45	2062929	39.453	ng		93
17) 2-Methylphenol	8.42	107	995919	39.758	ng		96
18) Hexachloroethane	9.07	117	466045	38.856	ng		93
19) n-Nitroso-di-n-propylamine	8.79	70	1050990	40.224	ng	#	87
20) 3+4-Methylphenols	8.75	107	1386105	39.881	ng		98
22) Acetophenone	8.80	105	1916585	38.582	ng	#	90
24) Nitrobenzene	9.19	77	1391602	41.630	ng		93
25) Isophorone	9.72	82	2557131	37.619	ng		94
26) 2-Nitrophenol	9.90	139	564498	40.039	ng	#	83
27) 2,4-Dimethylphenol	9.95	122	1183819	37.351	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	1786804	38.521	ng		99
29) 2,4-Dichlorophenol	10.43	162	1152960	38.881	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	1245634	37.946	ng		98
31) Naphthalene	10.85	128	4191941	38.838	ng		99
32) Benzoic acid	10.07	122	821510	39.524	ng		96
33) 4-Chloroaniline	10.95	127	1355946	28.717	ng	#	89
34) Hexachlorobutadiene	11.12	225	703825	37.630	ng		98
35) Caprolactam	11.73	113	398155	37.283	ng	#	67
36) 4-Chloro-3-methylphenol	12.06	107	1349762	38.754	ng		90
37) 2-Methylnaphthalene	12.45	142	2915636	38.810	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1346988	39.052	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	615466	38.924	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	895358	39.215	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	916266	39.514	ng	#	90
45) 1,1'-Biphenyl	13.45	154	3980976	39.123	ng		96
46) 2-Chloronaphthalene	13.50	162	2932766	38.799	ng		96
47) 2-Nitroaniline	13.69	65	992232	42.122	ng	#	80
48) Acenaphthylene	14.34	152	4577998	38.870	ng		99
49) Dimethylphthalate	14.07	163	3443535	37.810	ng		100
50) 2,6-Dinitrotoluene	14.19	165	698771	40.521	ng	#	90
51) Acenaphthene	14.68	154	3076498	40.227	ng		99
52) 3-Nitroaniline	14.52	138	908434	40.557	ng	#	82
53) 2,4-Dinitrophenol	14.72	184	328835	52.492	ng		93
54) Dibenzofuran	15.01	168	4122722	39.094	ng		96
55) 4-Nitrophenol	14.81	139	713503	40.931	ng	#	48
56) 2,4-Dinitrotoluene	14.97	165	936805	39.484	ng		84
57) Fluorene	15.66	166	3726691	40.535	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	759204	40.461	ng	#	100
59) Diethylphthalate	15.43	149	3562019	37.960	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1714832	39.988	ng		95
61) 4-Nitroaniline	15.68	138	976522	41.939	ng		86
62) Azobenzene	15.94	77	3402685	40.236	ng		90
64) 4,6-Dinitro-2-methylphenol	15.73	198	476621	47.129	ng		87
65) n-Nitrosodiphenylamine	15.86	169	3161190	38.439	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1017840	37.076	ng	#	90
67) Hexachlorobenzene	16.66	284	1176349	36.514	ng	#	86
68) Atrazine	16.81	200	850835	35.301	ng		98
69) Pentachlorophenol	17.00	266	720544	40.741	ng		97
70) Phenanthrene	17.40	178	5783816	39.794	ng		99
71) Anthracene	17.49	178	5782529	39.565	ng		98
72) Carbazole	17.76	167	5582802	39.637	ng		99
73) Di-n-butylphthalate	18.31	149	6461452	39.487	ng		100
74) Fluoranthene	19.40	202	6837281	41.227	ng		95
76) Benzidine	19.59	184	530757	8.339	ng		99
77) Pyrene	19.76	202	7286366	36.870	ng		98
79) Butylbenzylphthalate	20.65	149	3077322	35.248	ng		94
80) Benzo(a)anthracene	21.50	228	6996412	38.788	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2541092	37.107	ng		99
82) Chrysene	21.56	228	6621160	38.946	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	4877876	38.110	ng	#	99
84) Di-n-octyl phthalate	22.34	149	8579692	39.764	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.35	276	7532517	47.498	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7228240	37.382	ng		99
88) Benzo(k)fluoranthene	23.23	252	7225125	38.972	ng		98
89) Benzo(a)pyrene	23.80	252	6882249	39.462	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	6510765	43.621	ng		99
91) Benzo(g,h,i)perylene	27.10	276	6227641	43.174	ng		99

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

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