Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011369.D
Acq On : 31 Aug 2017 13:22
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC025

Quant Time: Aug 31 14:40:54 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 14:38:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	539883	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2458189	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1435003	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	3169952	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3469262	20.00	ng		0.00
86) Perylene-d12	23.92	264	3096875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1613595	49.54	ng		0.00
7) Phenol-d6	7.14	99	2248359	39.00	ng		0.00
23) Nitrobenzene-d5	9.16	82	1853362	22.62	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	825785	32.69	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	5106896	49.79	ng		0.00
78) Terphenyl-d14	19.97	244	7456011	58.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	335521	20.958	ng	#	100
3) Pyridine	3.84	79	1042099	17.213	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	517226	16.586	ng	#	74
6) Aniline	7.32	93	1531510	18.977	ng		97
8) 2-Chlorophenol	7.55	128	947085	27.502	ng		91
9) Benzaldehyde	7.13	77	674743	14.313	ng		98
10) Phenol	7.17	94	1241230	18.840	ng	#	73
11) bis(2-Chloroethyl)ether	7.41	93	1002159	20.793	ng		85
12) 1,3-Dichlorobenzene	7.88	146	1088698	26.857	ng		98
13) 1,4-Dichlorobenzene	8.03	146	1101847	26.478	ng		98
14) 1,2-Dichlorobenzene	8.35	146	1075313	26.197	ng		97
15) Benzyl Alcohol	8.23	79	812147	11.704	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	1670827	31.372	ng		93
17) 2-Methylphenol	8.42	107	792303	19.095	ng		96
18) Hexachloroethane	9.08	117	371255	19.330	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	836381	12.226	ng	#	87
20) 3+4-Methylphenols	8.75	107	1110844	18.524	ng		96
22) Acetophenone	8.82	105	1539618	18.948	ng	#	92
24) Nitrobenzene	9.20	77	1036658	11.636	ng		93
25) Isophorone	9.72	82	2109233	14.328	ng		94
26) 2-Nitrophenol	9.91	139	357573	16.287	ng	#	85
27) 2,4-Dimethylphenol	9.96	122	971479	25.227	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	1438772	20.130	ng		99
29) 2,4-Dichlorophenol	10.44	162	914417	19.827	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	1005862	18.572	ng		98
31) Naphthalene	10.86	128	3320687	25.462	ng		99
32) Benzoic acid	10.07	122	523586	13.277	ng		97
33) 4-Chloroaniline	10.96	127	1464830	26.161	ng	#	92
34) Hexachlorobutadiene	11.13	225	567363	12.563	ng		98
35) Caprolactam	11.73	113	328097	17.681	ng	#	70
36) 4-Chloro-3-methylphenol	12.07	107	1067009	14.701	ng		93
37) 2-Methylnaphthalene	12.46	142	2326669	22.397	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1072719	19.117	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	464256	20.940	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	713381	19.230 ng		99
43) 2,4,5-Trichlorophenol	13.12	196	721074	18.446 ng	#	89
45) 1,1'-Biphenyl	13.46	154	3212608	28.981 ng		97
46) 2-Chloronaphthalene	13.50	162	2360593	26.716 ng		95
47) 2-Nitroaniline	13.70	65	629823	12.484 ng		87
48) Acenaphthylene	14.35	152	3721638	27.442 ng		99
49) Dimethylphthalate	14.08	163	2842299	22.391 ng		99
50) 2,6-Dinitrotoluene	14.19	165	512607	19.380 ng	#	89
51) Acenaphthene	14.69	154	2385436	27.667 ng		99
52) 3-Nitroaniline	14.52	138	668491	26.952 ng	#	81
53) 2,4-Dinitrophenol	14.72	184	131392	5.890 ng		91
54) Dibenzofuran	15.02	168	3312995	23.326 ng		97
55) 4-Nitrophenol	14.81	139	514899	27.610 ng	#	49
56) 2,4-Dinitrotoluene	14.97	165	649125	15.963 ng	#	84
57) Fluorene	15.67	166	2897601	21.814 ng		100
58) 2,3,4,6-Tetrachlorophenol	15.24	232	587288	13.483 ng	#	100
59) Diethylphthalate	15.44	149	2937553	21.939 ng		98
60) 4-Chlorophenyl-phenylether	15.66	204	1344072	17.027 ng		95
61) 4-Nitroaniline	15.68	138	690471	28.172 ng		80
62) Azobenzene	15.96	77	2664032	14.171 ng		94
64) 4,6-Dinitro-2-methylphenol	15.73	198	229577	9.664 ng		89
65) n-Nitrosodiphenylamine	15.87	169	2552037	30.956 ng		99
66) 4-Bromophenyl-phenylether	16.56	248	840379	22.851 ng	#	90
67) Hexachlorobenzene	16.67	284	978791	23.590 ng	#	91
68) Atrazine	16.82	200	748736	21.331 ng		98
69) Pentachlorophenol	17.01	266	524041	16.257 ng		97
70) Phenanthrene	17.40	178	4551633	25.811 ng		98
71) Anthracene	17.50	178	4596517	26.629 ng		99
72) Carbazole	17.76	167	4398417	26.474 ng		99
73) Di-n-butylphthalate	18.32	149	5297230	29.549 ng		100
74) Fluoranthene	19.42	202	5281122	18.782 ng		96
76) Benzidine	19.59	184	1911511	52.631 ng		99
77) Pyrene	19.77	202	5546330	33.810 ng		99
79) Butylbenzylphthalate	20.66	149	2358020	40.754 ng		94
80) Benzo(a)anthracene	21.51	228	4949055	24.209 ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	1945070	23.900 ng		100
82) Chrysene	21.57	228	4697282	23.887 ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	3543245	39.345 ng	#	99
84) Di-n-octyl phthalate	22.36	149	6231341	38.017 ng		96
85) Indeno(1,2,3-cd)pyrene	26.37	276	4189645	13.963 ng	#	88
87) Benzo(b)fluoranthene	23.19	252	4886697	26.567 ng		98
88) Benzo(k)fluoranthene	23.24	252	4597461	26.986 ng		98
89) Benzo(a)pyrene	23.81	252	4340472	24.320 ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	3631345	19.374 ng		99
91) Benzo(g,h,i)perylene	27.12	276	3513938	18.191 ng		98

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

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