Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011372.D
Acq On : 31 Aug 2017 15:11
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Aug 31 15:46:39 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	544793	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2470136	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1412599	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	3156860	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3395306	20.00	ng		0.00
86) Perylene-d12	23.91	264	3201821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3872522	117.82	ng		0.00
7) Phenol-d6	7.15	99	5456782	93.79	ng		0.00
23) Nitrobenzene-d5	9.16	82	4842643	58.81	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	2091000	84.09	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	11477839	113.67	ng		0.00
78) Terphenyl-d14	19.97	244	13673357	110.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	784121	48.537	ng	#	100
3) Pyridine	3.84	79	2542497	41.619	ng	#	84
4) n-Nitrosodimethylamine	3.75	42	1271154	40.396	ng	#	73
6) Aniline	7.32	93	3687043	45.274	ng		96
8) 2-Chlorophenol	7.56	128	2287631	65.830	ng		92
9) Benzaldehyde	7.13	77	1295370	27.231	ng		98
10) Phenol	7.17	94	2986982	44.929	ng	#	74
11) bis(2-Chloroethyl)ether	7.42	93	2349432	48.306	ng		87
12) 1,3-Dichlorobenzene	7.89	146	2572193	62.880	ng		98
13) 1,4-Dichlorobenzene	8.03	146	2622592	62.455	ng		98
14) 1,2-Dichlorobenzene	8.35	146	2521731	60.881	ng		98
15) Benzyl Alcohol	8.23	79	1998938	28.546	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	3895161	72.477	ng		93
17) 2-Methylphenol	8.43	107	1914980	45.736	ng		96
18) Hexachloroethane	9.08	117	915587	47.241	ng		94
19) n-Nitroso-di-n-propylamine	8.80	70	1986812	28.780	ng	#	85
20) 3+4-Methylphenols	8.76	107	2682485	44.329	ng		97
22) Acetophenone	8.82	105	3629521	44.451	ng	#	92
24) Nitrobenzene	9.20	77	2631168	29.390	ng		92
25) Isophorone	9.73	82	5025598	33.974	ng		95
26) 2-Nitrophenol	9.92	139	1098538	49.796	ng	#	88
27) 2,4-Dimethylphenol	9.96	122	2314020	59.798	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	3386804	47.157	ng		98
29) 2,4-Dichlorophenol	10.45	162	2258916	48.743	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	2424983	44.558	ng		98
31) Naphthalene	10.86	128	7854066	59.932	ng		100
32) Benzoic acid	10.13	122	1652770	41.708	ng		98
33) 4-Chloroaniline	10.96	127	3529717	62.734	ng	#	90
34) Hexachlorobutadiene	11.14	225	1371849	30.231	ng		97
35) Caprolactam	11.76	113	803727	43.102	ng	#	69
36) 4-Chloro-3-methylphenol	12.07	107	2635879	36.141	ng		91
37) 2-Methylnaphthalene	12.46	142	5504018	52.728	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	2539019	45.966	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1226802	56.211	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1764849	48.328 ng		99
43) 2,4,5-Trichlorophenol	13.13	196	1790152	46.519 ng	#	89
45) 1,1'-Biphenyl	13.46	154	7433330	68.119 ng		98
46) 2-Chloronaphthalene	13.51	162	5542701	63.724 ng		95
47) 2-Nitroaniline	13.70	65	1823697	36.721 ng		84
48) Acenaphthylene	14.35	152	8632476	64.661 ng		98
49) Dimethylphthalate	14.09	163	6659792	53.298 ng		99
50) 2,6-Dinitrotoluene	14.20	165	1366729	52.492 ng		92
51) Acenaphthene	14.69	154	5706908	67.240 ng		99
52) 3-Nitroaniline	14.53	138	1777371	72.796 ng	#	83
53) 2,4-Dinitrophenol	14.73	184	499326	22.739 ng		90
54) Dibenzofuran	15.03	168	7638537	54.634 ng		95
55) 4-Nitrophenol	14.82	139	1399860	76.253 ng	#	47
56) 2,4-Dinitrotoluene	14.98	165	1846663	46.133 ng	#	81
57) Fluorene	15.67	166	6623663	50.655 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.24	232	1465859	34.188 ng	#	100
59) Diethylphthalate	15.44	149	6871026	52.130 ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	3103464	39.939 ng		94
61) 4-Nitroaniline	15.69	138	1855127	76.890 ng		82
62) Azobenzene	15.96	77	6230618	33.669 ng		92
64) 4,6-Dinitro-2-methylphenol	15.74	198	806836	34.104 ng		91
65) n-Nitrosodiphenylamine	15.88	169	5877893	71.594 ng		98
66) 4-Bromophenyl-phenylether	16.56	248	1982301	54.126 ng	#	88
67) Hexachlorobenzene	16.67	284	2325371	56.277 ng	#	88
68) Atrazine	16.82	200	1706442	48.818 ng		97
69) Pentachlorophenol	17.01	266	1403429	43.720 ng		99
70) Phenanthrene	17.41	178	10261995	58.435 ng		96
71) Anthracene	17.50	178	10383662	60.404 ng		97
72) Carbazole	17.77	167	10007983	60.487 ng		98
73) Di-n-butylphthalate	18.32	149	11483431	64.322 ng		96
74) Fluoranthene	19.42	202	11775446	42.052 ng		92
76) Benzidine	19.59	184	4064008	114.334 ng		100
77) Pyrene	19.78	202	12182510	75.882 ng		95
79) Butylbenzylphthalate	20.66	149	5816572	102.718 ng		93
80) Benzo(a)anthracene	21.52	228	11286574	56.413 ng		96
81) 3,3'-Dichlorobenzidine	21.44	252	4513610	56.668 ng		100
82) Chrysene	21.57	228	10532062	54.726 ng		96
83) Bis(2-ethylhexyl)phthalate	21.44	149	8056338	91.407 ng		97
84) Di-n-octyl phthalate	22.36	149	13401348	83.541 ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.38	276	10523618	35.836 ng	#	88
87) Benzo(b)fluoranthene	23.20	252	11745936	61.764 ng		98
88) Benzo(k)fluoranthene	23.24	252	10792557	61.272 ng		97
89) Benzo(a)pyrene	23.81	252	10569713	57.281 ng	#	97
90) Dibenzo(a,h)anthracene	26.40	278	9248744	47.725 ng		99
91) Benzo(g,h,i)perylene	27.14	276	8877240	44.451 ng		99

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

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