Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
Data File : BM010889.D
Acq On : 19 Jul 2017 12:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 20 01:06:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	312704	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	1317096	20.00	ng		0.00
38) Acenaphthene-d10	14.09	164	867755	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	2068204	20.00	ng		0.00
75) Chrysene-d12	21.06	240	1914873	20.00	ng		0.00
86) Perylene-d12	23.19	264	1575336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	1493377	79.11	ng		0.00
7) Phenol-d6	6.64	99	2256498	86.71	ng		0.00
23) Nitrobenzene-d5	8.59	82	2805717	81.88	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1075762	81.12	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	5581055	80.01	ng		0.00
78) Terphenyl-d14	19.51	244	8571781	86.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	287751	34.545	ng	#	100
3) Pyridine	3.46	79	907894	39.875	ng		90
4) n-Nitrosodimethylamine	3.38	42	414599	35.629	ng	#	84
6) Aniline	6.79	93	1406420	43.141	ng		94
8) 2-Chlorophenol	7.01	128	784075	41.951	ng		85
9) Benzaldehyde	6.60	77	719131	39.796	ng		87
10) Phenol	6.66	94	1202786	43.713	ng		93
11) bis(2-Chloroethyl)ether	6.89	93	927728	43.778	ng		97
12) 1,3-Dichlorobenzene	7.33	146	918955	39.786	ng	#	86
13) 1,4-Dichlorobenzene	7.47	146	946232	39.697	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	901129	39.674	ng	#	91
15) Benzyl Alcohol	7.69	79	1014013	41.149	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	801401	43.619	ng		81
17) 2-Methylphenol	7.89	107	784722	44.098	ng	#	79
18) Hexachloroethane	8.50	117	398480	39.856	ng	#	83
19) n-Nitroso-di-n-propylamine	8.25	70	944862	45.834	ng	#	90
20) 3+4-Methylphenols	8.22	107	1096057	44.333	ng		85
22) Acetophenone	8.26	105	1610192	40.603	ng	#	96
24) Nitrobenzene	8.63	77	1415929	40.320	ng	#	88
25) Isophorone	9.16	82	2447209	43.595	ng	#	88
26) 2-Nitrophenol	9.33	139	502143	42.972	ng	#	35
27) 2,4-Dimethylphenol	9.40	122	859444	41.208	ng	#	73
28) bis(2-Chloroethoxy)methane	9.64	93	1320320	41.957	ng		99
29) 2,4-Dichlorophenol	9.86	162	951064	40.368	ng		94
30) 1,2,4-Trichlorobenzene	10.07	180	1103243	38.305	ng		96
31) Naphthalene	10.25	128	2673566	39.922	ng		98
32) Benzoic acid	9.57	122	739563	45.195	ng	#	69
33) 4-Chloroaniline	10.37	127	1132370	41.968	ng	#	80
34) Hexachlorobutadiene	10.54	225	830411	37.157	ng		99
35) Caprolactam	11.17	113	284551	45.366	ng		92
36) 4-Chloro-3-methylphenol	11.51	107	1247462	43.774	ng	#	74
37) 2-Methylnaphthalene	11.87	142	1965098	40.853	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1498762	39.624	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	863922	39.843	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	942171	40.453	ng		99
43) 2,4,5-Trichlorophenol	12.58	196	980122	42.624	ng	#	88
45) 1,1'-Biphenyl	12.92	154	3057367	40.442	ng		97
46) 2-Chloronaphthalene	12.95	162	2239996	40.410	ng	#	91
47) 2-Nitroaniline	13.17	65	824144	45.228	ng	#	73
48) Acenaphthylene	13.81	152	3363398	40.795	ng		99
49) Dimethylphthalate	13.57	163	3005266	40.709	ng	#	99
50) 2,6-Dinitrotoluene	13.68	165	622799	43.010	ng	#	66
51) Acenaphthene	14.16	154	2042063	40.535	ng		97
52) 3-Nitroaniline	14.01	138	561451	42.652	ng	#	42
53) 2,4-Dinitrophenol	14.22	184	430842	43.042	ng		85
54) Dibenzofuran	14.50	168	3226748	39.597	ng	#	90
55) 4-Nitrophenol	14.33	139	463508	40.543	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	858937	42.749	ng		93
57) Fluorene	15.15	166	2778612	39.665	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	828133	38.760	ng	#	100
59) Diethylphthalate	14.95	149	2898487	39.756	ng		100
60) 4-Chlorophenyl-phenylether	15.16	204	1612021	37.461	ng		98
61) 4-Nitroaniline	15.19	138	568114	41.291	ng	#	1
62) Azobenzene	15.44	77	3059121	41.321	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	584958	42.892	ng		88
65) n-Nitrosodiphenylamine	15.37	169	2460076	41.570	ng		97
66) 4-Bromophenyl-phenylether	16.05	248	1063995	40.594	ng	#	91
67) Hexachlorobenzene	16.16	284	1225124	40.876	ng	#	89
68) Atrazine	16.34	200	1001561	40.867	ng		96
69) Pentachlorophenol	16.50	266	772543	40.208	ng		97
70) Phenanthrene	16.89	178	4372876	40.642	ng		100
71) Anthracene	16.98	178	4386119	41.068	ng		99
72) Carbazole	17.26	167	3796276	40.359	ng		100
73) Di-n-butylphthalate	17.84	149	4619507	41.511	ng	#	97
74) Fluoranthene	18.92	202	4828475	36.235	ng		99
76) Benzidine	19.12	184	2034030	39.694	ng		100
77) Pyrene	19.29	202	4959547	44.677	ng		99
79) Butylbenzylphthalate	20.22	149	1772733	45.613	ng	#	72
80) Benzo(a)anthracene	21.05	228	4465037	40.241	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	1771903	40.614	ng	#	97
82) Chrysene	21.10	228	4264502	40.356	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	2458162	43.434	ng		99
84) Di-n-octyl phthalate	21.86	149	3803013	41.012	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	4193497	34.608	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	3995836	39.932	ng	#	93
88) Benzo(k)fluoranthene	22.61	252	3790340	39.657	ng	#	94
89) Benzo(a)pyrene	23.10	252	3689645	40.509	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	3417913	38.663	ng	#	90
91) Benzo(g,h,i)perylene	25.94	276	3333064	38.355	ng	#	87

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

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