Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072417\
Data File : BM010959.D
Acq On : 24 Jul 2017 12:05
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 24 17:33:24 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	7.42	152	214431	20.00	ng		-0.03
21) Naphthalene-d8	10.18	136	898105	20.00	ng		-0.03
38) Acenaphthene-d10	14.07	164	661226	20.00	ng		-0.02
63) Phenanthrene-d10	16.83	188	1819496	20.00	ng		-0.02
75) Chrysene-d12	21.06	240	2354538	20.00	ng		-0.01
86) Perylene-d12	23.18	264	1928814	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	1022740	79.01	ng		-0.02
7) Phenol-d6	6.62	99	1515300	84.91	ng		-0.02
23) Nitrobenzene-d5	8.57	82	1881101	80.51	ng		-0.02
41) 2,4,6-Tribromophenol	15.58	330	864630	85.57	ng		-0.02
44) 2-Fluorobiphenyl	12.69	172	3912913	73.62	ng		-0.02
78) Terphenyl-d14	19.49	244	9188614	75.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	208521	36.506	ng	#	100
3) Pyridine	3.45	79	519543	33.276	ng		91
4) n-Nitrosodimethylamine	3.36	42	292478	36.654	ng	#	80
6) Aniline	6.77	93	801223	35.841	ng		92
8) 2-Chlorophenol	6.99	128	536619	41.869	ng		87
9) Benzaldehyde	6.58	77	496208	40.044	ng		84
10) Phenol	6.64	94	808529	42.851	ng		95
11) bis(2-Chloroethyl)ether	6.87	93	607107	41.778	ng		96
12) 1,3-Dichlorobenzene	7.31	146	624644	39.437	ng	#	85
13) 1,4-Dichlorobenzene	7.46	146	642121	39.285	ng	#	91
14) 1,2-Dichlorobenzene	7.76	146	603590	38.753	ng	#	91
15) Benzyl Alcohol	7.67	79	649852	38.457	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.95	45	545677	43.312	ng		83
17) 2-Methylphenol	7.87	107	526095	43.113	ng	#	80
18) Hexachloroethane	8.48	117	263114	38.378	ng	#	84
19) n-Nitroso-di-n-propylamine	8.23	70	627423	44.384	ng	#	90
20) 3+4-Methylphenols	8.20	107	741684	43.748	ng		86
22) Acetophenone	8.24	105	1064919	39.381	ng	#	96
24) Nitrobenzene	8.61	77	963457	40.235	ng	#	87
25) Isophorone	9.13	82	1628908	42.555	ng	#	87
26) 2-Nitrophenol	9.31	139	323836	40.642	ng	#	38
27) 2,4-Dimethylphenol	9.38	122	579128	40.722	ng	#	74
28) bis(2-Chloroethoxy)methane	9.62	93	880136	41.018	ng	#	97
29) 2,4-Dichlorophenol	9.84	162	630445	39.244	ng		94
30) 1,2,4-Trichlorobenzene	10.05	180	739435	37.650	ng		99
31) Naphthalene	10.23	128	1791641	39.234	ng		99
32) Benzoic acid	9.53	122	484896	43.456	ng	#	61
33) 4-Chloroaniline	10.35	127	613719	33.357	ng	#	77
34) Hexachlorobutadiene	10.52	225	560720	36.795	ng		97
35) Caprolactam	11.14	113	215090	50.290	ng	#	85
36) 4-Chloro-3-methylphenol	11.49	107	873749	44.964	ng	#	73
37) 2-Methylnaphthalene	11.86	142	1330977	40.578	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.23	216	1035506	35.928	ng	#	100
40) Hexachlorocyclopentadiene	12.22	237	543599	32.900	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.49	196	674391	37.999	ng		97
43) 2,4,5-Trichlorophenol	12.56	196	684532	39.067	ng	#	89
45) 1,1'-Biphenyl	12.90	154	2146925	37.269	ng		98
46) 2-Chloronaphthalene	12.93	162	1568572	37.135	ng	#	92
47) 2-Nitroaniline	13.15	65	622602	44.839	ng	#	73
48) Acenaphthylene	13.79	152	2482153	39.510	ng		98
49) Dimethylphthalate	13.55	163	2262766	40.225	ng	#	98
50) 2,6-Dinitrotoluene	13.66	165	482034	43.687	ng	#	65
51) Acenaphthene	14.14	154	1493019	38.893	ng		99
52) 3-Nitroaniline	14.00	138	389064	38.788	ng	#	50
53) 2,4-Dinitrophenol	14.20	184	336307	44.092	ng	#	87
54) Dibenzofuran	14.48	168	2435584	39.223	ng		92
55) 4-Nitrophenol	14.32	139	399688	45.880	ng	#	4
56) 2,4-Dinitrotoluene	14.46	165	712441	46.533	ng		95
57) Fluorene	15.13	166	2178726	40.816	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.72	232	664343	40.806	ng	#	100
59) Diethylphthalate	14.93	149	2329718	41.935	ng		100
60) 4-Chlorophenyl-phenylether	15.14	204	1265632	38.598	ng		95
61) 4-Nitroaniline	15.17	138	451053	43.022	ng	#	1
62) Azobenzene	15.43	77	2439561	43.245	ng		89
64) 4,6-Dinitro-2-methylphenol	15.23	198	502278	41.864	ng		87
65) n-Nitrosodiphenylamine	15.36	169	1958488	37.618	ng		98
66) 4-Bromophenyl-phenylether	16.03	248	849911	36.858	ng	#	91
67) Hexachlorobenzene	16.14	284	983981	37.318	ng	#	91
68) Atrazine	16.33	200	823142	38.178	ng		96
69) Pentachlorophenol	16.49	266	697655	41.274	ng		98
70) Phenanthrene	16.87	178	3740195	39.514	ng		100
71) Anthracene	16.97	178	3718801	39.579	ng		99
72) Carbazole	17.25	167	3424739	41.386	ng		100
73) Di-n-butylphthalate	17.83	149	4232568	43.233	ng	#	97
74) Fluoranthene	18.90	202	5094322	43.456	ng		99
76) Benzidine	19.12	184	612981m	9.729	ng		
77) Pyrene	19.27	202	5277027	38.661	ng		99
79) Butylbenzylphthalate	20.21	149	2081276	43.552	ng	#	73
80) Benzo(a)anthracene	21.04	228	5265722	38.596	ng		100
81) 3,3'-Dichlorobenzidine	20.98	252	1518026	28.298	ng	#	97
82) Chrysene	21.09	228	5008372	38.546	ng		100
83) Bis(2-ethylhexyl)phthalate	21.00	149	3067430	44.079	ng	#	99
84) Di-n-octyl phthalate	21.85	149	5206017	45.659	ng		100
85) Indeno(1,2,3-cd)pyrene	25.27	276	4375832	29.370	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	5195651	42.407	ng	#	92
88) Benzo(k)fluoranthene	22.60	252	4787035	40.906	ng	#	95
89) Benzo(a)pyrene	23.09	252	4428892	39.714	ng	#	96
90) Dibenzo(a,h)anthracene	25.29	278	3401256	31.424	ng	#	91
91) Benzo(g,h,i)perylene	25.92	276	3500572	32.900	ng	#	86

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

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