Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010862.D
Acq On : 18 Jul 2017 07:44
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 08:17:24 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	7.45	152	268680	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1074771	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	696309	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1704970	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1957623	20.00	ng		0.00
86) Perylene-d12	23.19	264	1732648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1279434	78.88	ng		0.00
7) Phenol-d6	6.64	99	1814541	81.15	ng		0.00
23) Nitrobenzene-d5	8.59	82	2189601	78.31	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	849663	79.85	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	4373860	78.14	ng		0.00
78) Terphenyl-d14	19.51	244	7908975	78.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	260562	36.407	ng	#	100
3) Pyridine	3.46	79	740465	37.850	ng	#	88
4) n-Nitrosodimethylamine	3.38	42	365548	36.561	ng	#	71
6) Aniline	6.79	93	1113237	39.743	ng		93
8) 2-Chlorophenol	7.02	128	654878	40.779	ng		86
9) Benzaldehyde	6.60	77	602404	38.799	ng		81
10) Phenol	6.66	94	969278	40.999	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	731737	40.187	ng		98
12) 1,3-Dichlorobenzene	7.33	146	781661	39.386	ng	#	86
13) 1,4-Dichlorobenzene	7.47	146	784732	38.316	ng	#	92
14) 1,2-Dichlorobenzene	7.79	146	755566	38.716	ng	#	89
15) Benzyl Alcohol	7.69	79	818815	38.672	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.98	45	626897	39.712	ng		77
17) 2-Methylphenol	7.89	107	625932	40.938	ng	#	80
18) Hexachloroethane	8.50	117	341707	39.778	ng	#	82
19) n-Nitroso-di-n-propylamine	8.25	70	736755	41.595	ng	#	88
20) 3+4-Methylphenols	8.22	107	859172	40.446	ng		84
22) Acetophenone	8.26	105	1261036	38.968	ng	#	96
24) Nitrobenzene	8.63	77	1111114	38.774	ng		91
25) Isophorone	9.16	82	1851230	40.413	ng	#	88
26) 2-Nitrophenol	9.33	139	387656	40.654	ng	#	35
27) 2,4-Dimethylphenol	9.40	122	656712	38.587	ng	#	71
28) bis(2-Chloroethoxy)methane	9.64	93	1005346	39.151	ng		98
29) 2,4-Dichlorophenol	9.86	162	742864	38.641	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	901667	38.364	ng		99
31) Naphthalene	10.25	128	2128758	38.953	ng		99
32) Benzoic acid	9.56	122	561930	42.082	ng	#	64
33) 4-Chloroaniline	10.37	127	878449	39.898	ng	#	80
34) Hexachlorobutadiene	10.55	225	687828	37.717	ng		98
35) Caprolactam	11.17	113	207670	40.574	ng	#	85
36) 4-Chloro-3-methylphenol	11.51	107	938235	40.346	ng	#	76
37) 2-Methylnaphthalene	11.87	142	1557628	39.683	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1175161	38.719	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	684300	39.329	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	731026	39.115	ng		98
43) 2,4,5-Trichlorophenol	12.58	196	748944	40.590	ng	#	88
45) 1,1'-Biphenyl	12.92	154	2401852	39.594	ng		97
46) 2-Chloronaphthalene	12.96	162	1769033	39.771	ng		95
47) 2-Nitroaniline	13.17	65	621081	42.476	ng	#	75
48) Acenaphthylene	13.81	152	2620023	39.604	ng		99
49) Dimethylphthalate	13.57	163	2356545	39.781	ng		99
50) 2,6-Dinitrotoluene	13.68	165	491474	42.298	ng	#	64
51) Acenaphthene	14.16	154	1608605	39.793	ng		99
52) 3-Nitroaniline	14.02	138	449986	42.601	ng	#	51
53) 2,4-Dinitrophenol	14.22	184	333078	41.468	ng		87
54) Dibenzofuran	14.50	168	2527554	38.654	ng	#	89
55) 4-Nitrophenol	14.33	139	378695	41.280	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	688965	42.732	ng	#	96
57) Fluorene	15.15	166	2235700	39.773	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	673528	39.285	ng	#	100
59) Diethylphthalate	14.95	149	2365995	40.442	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1315964	38.111	ng		95
61) 4-Nitroaniline	15.19	138	470467	42.613	ng	#	1
62) Azobenzene	15.45	77	2429351	40.894	ng		90
64) 4,6-Dinitro-2-methylphenol	15.24	198	470917	41.886	ng		93
65) n-Nitrosodiphenylamine	15.37	169	1973706	40.456	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	862109	39.899	ng	#	91
67) Hexachlorobenzene	16.16	284	976560	39.525	ng	#	89
68) Atrazine	16.34	200	802618	39.726	ng		97
69) Pentachlorophenol	16.50	266	633927	40.023	ng		97
70) Phenanthrene	16.89	178	3557550	40.109	ng		99
71) Anthracene	16.98	178	3563193	40.470	ng		99
72) Carbazole	17.26	167	3180174	41.012	ng		99
73) Di-n-butylphthalate	17.84	149	3886852	42.368	ng	#	96
74) Fluoranthene	18.92	202	4475902	40.746	ng		98
76) Benzidine	19.12	184	2026414	38.682	ng		99
77) Pyrene	19.29	202	4556295	40.148	ng		99
79) Butylbenzylphthalate	20.22	149	1735841	43.689	ng	#	74
80) Benzo(a)anthracene	21.05	228	4477316	39.471	ng		99
81) 3,3'-Dichlorobenzidine	20.99	252	1844311	41.351	ng	#	98
82) Chrysene	21.10	228	4244518	39.290	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	2490409	43.043	ng	#	98
84) Di-n-octyl phthalate	21.86	149	4073291	42.968	ng		99
85) Indeno(1,2,3-cd)pyrene	25.30	276	4683682	37.809	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	4419315	40.154	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	4360917	41.484	ng	#	95
89) Benzo(a)pyrene	23.10	252	4097142	40.899	ng	#	97
90) Dibenzo(a,h)anthracene	25.31	278	3843861	39.533	ng	#	91
91) Benzo(g,h,i)perylene	25.94	276	3823748	40.006	ng	#	85

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

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