Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015237.D
Acq On : 22 May 2018 13:14
Operator : SJ/JU
Sample : SSTDICC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC040

Quant Time: May 22 13:55:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 13:50:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	203197	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	814162	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	412137	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	846933	20.00	ng		0.00
75) Chrysene-d12	21.83	240	866732	20.00	ng		0.00
86) Perylene-d12	24.27	264	888015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1028113	88.19	ng		0.00
7) Phenol-d6	7.55	99	1333474	80.76	ng		0.00
23) Nitrobenzene-d5	9.60	82	1226885	67.31	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	439270	75.11	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2701662	81.83	ng		0.00
78) Terphenyl-d14	20.29	244	3184123	71.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	210448	43.929	ng	#	100
3) Pyridine	4.07	79	549758	41.441	ng		90
4) n-Nitrosodimethylamine	3.98	42	297267	35.177	ng	#	70
6) Aniline	7.72	93	818045	38.864	ng		98
8) 2-Chlorophenol	7.96	128	576734	43.526	ng		97
9) Benzaldehyde	7.53	77	409655	34.475	ng		95
10) Phenol	7.57	94	673181	41.300	ng		79
11) bis(2-Chloroethyl)ether	7.82	93	530962	41.209	ng		92
12) 1,3-Dichlorobenzene	8.29	146	646907	39.060	ng	#	95
13) 1,4-Dichlorobenzene	8.45	146	656894	39.480	ng		97
14) 1,2-Dichlorobenzene	8.77	146	619477	36.997	ng		95
15) Benzyl Alcohol	8.65	79	483295	31.590	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.93	45	818697	62.469	ng		95
17) 2-Methylphenol	8.85	107	448916	35.985	ng		95
18) Hexachloroethane	9.50	117	235979	32.812	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	423245	29.757	ng	#	88
20) 3+4-Methylphenols	9.18	107	593880	32.871	ng		95
22) Acetophenone	9.25	105	792910	33.870	ng		94
24) Nitrobenzene	9.64	77	634361	33.802	ng		95
25) Isophorone	10.16	82	1062697	35.194	ng		97
26) 2-Nitrophenol	10.35	139	283926	40.106	ng	#	81
27) 2,4-Dimethylphenol	10.39	122	518743	48.075	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	681871	44.033	ng		99
29) 2,4-Dichlorophenol	10.89	162	496720	41.198	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	572551	36.022	ng		99
31) Naphthalene	11.30	128	1705196	38.251	ng		99
32) Benzoic acid	10.53	122	290856	34.166	ng		94
33) 4-Chloroaniline	11.40	127	694898	37.500	ng	#	92
34) Hexachlorobutadiene	11.56	225	340387	31.220	ng		97
35) Caprolactam	12.19	113	139857	32.437	ng		97
36) 4-Chloro-3-methylphenol	12.49	107	505211	33.821	ng		90
37) 2-Methylnaphthalene	12.87	142	1190882	35.471	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	592608	41.037	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	348010	47.852	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	369166	43.515	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	394540	42.123	ng	#	89
45) 1,1'-Biphenyl	13.86	154	1465662	41.054	ng		98
46) 2-Chloronaphthalene	13.92	162	1133337	41.820	ng		94
47) 2-Nitroaniline	14.11	65	325937	32.683	ng		86
48) Acenaphthylene	14.75	152	1709071	38.460	ng		99
49) Dimethylphthalate	14.47	163	1346657	36.499	ng		99
50) 2,6-Dinitrotoluene	14.60	165	292470	38.631	ng		100
51) Acenaphthene	15.09	154	1043775	38.105	ng		98
52) 3-Nitroaniline	14.93	138	299370	38.228	ng		85
53) 2,4-Dinitrophenol	15.13	184	144363	40.399	ng	#	89
54) Dibenzofuran	15.42	168	1630950	38.105	ng		95
55) 4-Nitrophenol	15.22	139	242752	45.104	ng	#	51
56) 2,4-Dinitrotoluene	15.37	165	388249	33.230	ng	#	78
57) Fluorene	16.06	166	1307824	34.732	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	338792	36.715	ng	#	100
59) Diethylphthalate	15.80	149	1333556	32.562	ng		98
60) 4-Chlorophenyl-phenylether	16.04	204	660242	33.731	ng		97
61) 4-Nitroaniline	16.07	138	312702	39.905	ng	#	69
62) Azobenzene	16.33	77	1304410	30.667	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	190779	35.725	ng		91
65) n-Nitrosodiphenylamine	16.25	169	1118862	41.847	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	389352	39.223	ng	#	89
67) Hexachlorobenzene	17.04	284	441771	40.535	ng	#	87
68) Atrazine	17.18	200	366967	36.593	ng		96
69) Pentachlorophenol	17.39	266	249196	38.192	ng		98
70) Phenanthrene	17.78	178	1956176	38.289	ng		99
71) Anthracene	17.87	178	1992750	40.030	ng		99
72) Carbazole	18.13	167	1775450	37.942	ng		99
73) Di-n-butylphthalate	18.66	149	2153218	35.956	ng		99
74) Fluoranthene	19.75	202	2194759	36.489	ng		96
76) Benzidine	19.92	184	1195254	46.306	ng		99
77) Pyrene	20.11	202	2225622	36.962	ng		100
79) Butylbenzylphthalate	20.96	149	961811	35.469	ng		94
80) Benzo(a)anthracene	21.82	228	2236513	39.711	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	860539	40.882	ng		99
82) Chrysene	21.87	228	2104926	38.529	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1405040	35.522	ng		98
84) Di-n-octyl phthalate	22.63	149	2363796	43.168	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2574048	59.929	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2305532	37.417	ng		97
88) Benzo(k)fluoranthene	23.58	252	2152946	36.755	ng		99
89) Benzo(a)pyrene	24.17	252	2156232	39.709	ng	#	98
90) Dibenzo(a,h)anthracene	26.81	278	2184236	49.222	ng		100
91) Benzo(g,h,i)perylene	27.59	276	2119700	51.091	ng		97

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

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