Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015238.D
Acq On : 22 May 2018 13:51
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: May 22 14:22:35 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	201329	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	810219	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	411491	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	843914	20.00	ng		0.00
75) Chrysene-d12	21.83	240	880185	20.00	ng		0.00
86) Perylene-d12	24.27	264	901546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1279660	110.78	ng		0.00
7) Phenol-d6	7.55	99	1653219	101.06	ng		0.00
23) Nitrobenzene-d5	9.60	82	1523754	84.00	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	550941	94.36	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3317416	100.64	ng		0.00
78) Terphenyl-d14	20.29	244	3960810	87.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	258758	54.515	ng	#	100
3) Pyridine	4.07	79	695769	52.935	ng		88
4) n-Nitrosodimethylamine	3.98	42	369423	44.121	ng	#	69
6) Aniline	7.72	93	1017420	48.784	ng		97
8) 2-Chlorophenol	7.96	128	713079	54.315	ng		97
9) Benzaldehyde	7.53	77	464535	39.456	ng		95
10) Phenol	7.58	94	836011	51.765	ng	#	78
11) bis(2-Chloroethyl)ether	7.82	93	651497	51.033	ng		91
12) 1,3-Dichlorobenzene	8.29	146	800401	48.777	ng	#	96
13) 1,4-Dichlorobenzene	8.45	146	808762	49.058	ng		96
14) 1,2-Dichlorobenzene	8.77	146	767774	46.279	ng		96
15) Benzyl Alcohol	8.65	79	603061	39.784	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.94	45	1009725	77.760	ng		96
17) 2-Methylphenol	8.85	107	555312	44.927	ng	#	94
18) Hexachloroethane	9.50	117	294554	41.336	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	525389	37.281	ng	#	89
20) 3+4-Methylphenols	9.18	107	738723	41.267	ng		94
22) Acetophenone	9.25	105	985279	42.292	ng	#	94
24) Nitrobenzene	9.64	77	786711	42.124	ng		96
25) Isophorone	10.16	82	1331123	44.298	ng		96
26) 2-Nitrophenol	10.35	139	358890	50.941	ng	#	81
27) 2,4-Dimethylphenol	10.40	122	651880	60.708	ng		92
28) bis(2-Chloroethoxy)methane	10.63	93	842889	54.696	ng		99
29) 2,4-Dichlorophenol	10.89	162	619691	51.647	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	708315	44.781	ng		99
31) Naphthalene	11.30	128	2119068	47.766	ng		100
32) Benzoic acid	10.55	122	375148	44.282	ng		93
33) 4-Chloroaniline	11.40	127	865241	46.920	ng	#	91
34) Hexachlorobutadiene	11.56	225	418035	38.528	ng		96
35) Caprolactam	12.19	113	174414	40.648	ng		91
36) 4-Chloro-3-methylphenol	12.50	107	631988	42.514	ng		91
37) 2-Methylnaphthalene	12.87	142	1472176	44.063	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	734773	50.961	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	443375	61.060	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	462083	54.554	ng		98
43) 2,4,5-Trichlorophenol	13.55	196	492576	52.672	ng	#	91
45) 1,1'-Biphenyl	13.86	154	1811869	50.831	ng		98
46) 2-Chloronaphthalene	13.92	162	1396657	51.617	ng		94
47) 2-Nitroaniline	14.12	65	411370	41.315	ng		90
48) Acenaphthylene	14.75	152	2127274	47.946	ng		99
49) Dimethylphthalate	14.47	163	1665104	45.201	ng		99
50) 2,6-Dinitrotoluene	14.60	165	364563	48.229	ng		99
51) Acenaphthene	15.09	154	1298455	47.477	ng		99
52) 3-Nitroaniline	14.93	138	375037	47.965	ng		83
53) 2,4-Dinitrophenol	15.13	184	189181	53.024	ng	#	87
54) Dibenzofuran	15.42	168	2013421	47.115	ng		94
55) 4-Nitrophenol	15.22	139	309013	57.505	ng	#	51
56) 2,4-Dinitrotoluene	15.37	165	483362	41.435	ng	#	78
57) Fluorene	16.06	166	1612689	42.895	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	420347	45.624	ng	#	100
59) Diethylphthalate	15.81	149	1660716	40.613	ng		98
60) 4-Chlorophenyl-phenylether	16.04	204	815431	41.725	ng		97
61) 4-Nitroaniline	16.08	138	394153	50.379	ng	#	70
62) Azobenzene	16.33	77	1611863	37.955	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	249976	46.977	ng		94
65) n-Nitrosodiphenylamine	16.25	169	1391556	52.232	ng		100
66) 4-Bromophenyl-phenylether	16.93	248	484177	48.950	ng	#	92
67) Hexachlorobenzene	17.05	284	546920	50.363	ng	#	92
68) Atrazine	17.18	200	450381	45.071	ng		98
69) Pentachlorophenol	17.39	266	316268	48.645	ng		99
70) Phenanthrene	17.78	178	2428686	47.707	ng		100
71) Anthracene	17.87	178	2482265	50.042	ng		99
72) Carbazole	18.13	167	2218467	47.579	ng		99
73) Di-n-butylphthalate	18.66	149	2682220	44.950	ng		99
74) Fluoranthene	19.75	202	2730136	45.553	ng		97
76) Benzidine	19.92	184	1434294	54.717	ng		99
77) Pyrene	20.11	202	2773421	45.356	ng		100
79) Butylbenzylphthalate	20.96	149	1220804	44.332	ng		93
80) Benzo(a)anthracene	21.82	228	2798956	48.939	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	1068069	49.966	ng		99
82) Chrysene	21.87	228	2635484	47.503	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1778296	44.271	ng		99
84) Di-n-octyl phthalate	22.63	149	3014166	54.204	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	3288894	75.402	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2909241	46.506	ng		97
88) Benzo(k)fluoranthene	23.58	252	2735285	45.995	ng		99
89) Benzo(a)pyrene	24.17	252	2747102	49.831	ng	#	98
90) Dibenzo(a,h)anthracene	26.81	278	2792437	61.983	ng		99
91) Benzo(g,h,i)perylene	27.58	276	2701931	64.147	ng		97

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

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