Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015241.D
Acq On : 22 May 2018 15:41
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM052218

Quant Time: May 22 16:19:36 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 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	203381	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	814854	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	411234	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	852092	20.00	ng		0.00
75) Chrysene-d12	21.83	240	856266	20.00	ng		0.00
86) Perylene-d12	24.27	264	873322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1003920	80.76	ng		0.00
7) Phenol-d6	7.55	99	1314891	81.23	ng		0.00
23) Nitrobenzene-d5	9.59	82	1210866	81.40	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	433937	84.15	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	2665731	80.58	ng		0.00
78) Terphenyl-d14	20.29	244	3125983	80.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	202862	39.500	ng	#	100
3) Pyridine	4.07	79	539920	41.040	ng		89
4) n-Nitrosodimethylamine	3.97	42	287971	40.455	ng	#	68
6) Aniline	7.72	93	806951	40.458	ng		95
8) 2-Chlorophenol	7.96	128	569539	40.596	ng		97
9) Benzaldehyde	7.53	77	409922	40.036	ng		94
10) Phenol	7.57	94	667340	40.597	ng		79
11) bis(2-Chloroethyl)ether	7.82	93	523047	40.114	ng		92
12) 1,3-Dichlorobenzene	8.29	146	636244	39.777	ng		97
13) 1,4-Dichlorobenzene	8.45	146	643018	39.758	ng		97
14) 1,2-Dichlorobenzene	8.77	146	612350	39.891	ng		97
15) Benzyl Alcohol	8.65	79	482130	41.188	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.94	45	807025	39.231	ng		95
17) 2-Methylphenol	8.85	107	445269	40.747	ng		95
18) Hexachloroethane	9.50	117	232599	40.499	ng		91
19) n-Nitroso-di-n-propylamine	9.22	70	416609	40.379	ng	#	87
20) 3+4-Methylphenols	9.18	107	589207	40.607	ng		95
22) Acetophenone	9.25	105	787175	40.270	ng		94
24) Nitrobenzene	9.64	77	622966	40.221	ng		94
25) Isophorone	10.16	82	1062781	41.597	ng		97
26) 2-Nitrophenol	10.35	139	286712	41.258	ng	#	82
27) 2,4-Dimethylphenol	10.40	122	512485	40.662	ng		92
28) bis(2-Chloroethoxy)methane	10.63	93	675035	40.349	ng		99
29) 2,4-Dichlorophenol	10.89	162	492848	41.295	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	567876	40.388	ng		99
31) Naphthalene	11.30	128	1686495	39.820	ng		99
32) Benzoic acid	10.53	122	297946	40.866	ng		96
33) 4-Chloroaniline	11.40	127	685815	40.576	ng	#	91
34) Hexachlorobutadiene	11.56	225	337914	40.413	ng		97
35) Caprolactam	12.19	113	136937	40.539	ng		96
36) 4-Chloro-3-methylphenol	12.49	107	501112	41.101	ng		90
37) 2-Methylnaphthalene	12.87	142	1173365	39.977	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	588402	40.621	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	348971	39.704	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	365262	41.962	ng		100
43) 2,4,5-Trichlorophenol	13.54	196	394554	41.979	ng	#	88
45) 1,1'-Biphenyl	13.86	154	1460986	40.604	ng		99
46) 2-Chloronaphthalene	13.92	162	1125569	40.646	ng		95
47) 2-Nitroaniline	14.11	65	321944	40.808	ng		87
48) Acenaphthylene	14.75	152	1689008	41.062	ng		99
49) Dimethylphthalate	14.47	163	1331261	40.563	ng		99
50) 2,6-Dinitrotoluene	14.60	165	289412	42.268	ng		99
51) Acenaphthene	15.09	154	1039220	40.558	ng		99
52) 3-Nitroaniline	14.93	138	293221	40.669	ng	#	81
53) 2,4-Dinitrophenol	15.13	184	144875	39.061	ng	#	87
54) Dibenzofuran	15.42	168	1606413	39.764	ng		94
55) 4-Nitrophenol	15.22	139	238666	40.814	ng	#	51
56) 2,4-Dinitrotoluene	15.37	165	384724	41.033	ng	#	77
57) Fluorene	16.06	166	1285650	40.270	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	336614	41.764	ng	#	100
59) Diethylphthalate	15.80	149	1317882	40.736	ng		98
60) 4-Chlorophenyl-phenylether	16.04	204	656459	40.368	ng		98
61) 4-Nitroaniline	16.07	138	307965	40.855	ng	#	71
62) Azobenzene	16.33	77	1275205	41.492	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	192897	41.015	ng		91
65) n-Nitrosodiphenylamine	16.25	169	1111055	40.581	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	385642	40.509	ng	#	89
67) Hexachlorobenzene	17.04	284	437732	39.928	ng	#	89
68) Atrazine	17.18	200	361065	41.573	ng		96
69) Pentachlorophenol	17.39	266	246749	40.433	ng		99
70) Phenanthrene	17.78	178	1938193	39.935	ng		100
71) Anthracene	17.87	178	1959232	40.497	ng		100
72) Carbazole	18.13	167	1743443	40.706	ng		99
73) Di-n-butylphthalate	18.66	149	2120719	42.055	ng		99
74) Fluoranthene	19.75	202	2161743	40.612	ng		97
76) Benzidine	19.92	184	1185886	44.240	ng		99
77) Pyrene	20.11	202	2192655	40.573	ng		100
79) Butylbenzylphthalate	20.96	149	943440	42.755	ng		94
80) Benzo(a)anthracene	21.81	228	2177404	40.354	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	835964	41.841	ng		99
82) Chrysene	21.87	228	2050220	40.343	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1372204	42.754	ng		99
84) Di-n-octyl phthalate	22.63	149	2310880	41.165	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2538742	41.292	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	2280516	41.271	ng		97
88) Benzo(k)fluoranthene	23.58	252	2074722	39.694	ng		100
89) Benzo(a)pyrene	24.17	252	2104904	40.839	ng		99
90) Dibenzo(a,h)anthracene	26.80	278	2145807	40.808	ng		99
91) Benzo(g,h,i)perylene	27.58	276	2084854	40.708	ng		97

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

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