Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009315.D
Acq On : 22 Mar 2017 13:24
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC025

Quant Time: Mar 22 15:32:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 15:30:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	147500	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	566896	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	336295	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	729662	20.00	ng		0.00
75) Chrysene-d12	21.43	240	951355	20.00	ng		0.00
86) Perylene-d12	23.76	264	880787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	435109	52.45	ng		0.00
7) Phenol-d6	7.02	99	588849	51.11	ng		0.00
23) Nitrobenzene-d5	9.03	82	748216	81.83	ng		0.00
41) 2,4,6-Tribromophenol	15.99	330	201158	59.89	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	1323376	53.61	ng		0.00
78) Terphenyl-d14	19.87	244	2262685	56.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	109258	31.74	ng	#	100
3) Pyridine	3.76	79	305866	31.72	ng	#	78
4) n-Nitrosodimethylamine	3.68	42	166193	53.83	ng	#	67
6) Aniline	7.19	93	396290	26.13	ng	#	89
8) 2-Chlorophenol	7.42	128	222560	21.19	ng		86
9) Benzaldehyde	7.01	77	232823	41.22	ng		86
10) Phenol	7.05	94	313585	25.65	ng		94
11) bis(2-Chloroethyl)ether	7.29	93	261936	26.49	ng		83
12) 1,3-Dichlorobenzene	7.75	146	259397	22.48	ng	#	85
13) 1,4-Dichlorobenzene	7.90	146	273788	23.01	ng	#	92
14) 1,2-Dichlorobenzene	8.21	146	265766	23.39	ng	#	90
15) Benzyl Alcohol	8.10	79	260958	32.74	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.38	45	450865	42.68	ng		94
17) 2-Methylphenol	8.29	107	209472	24.51	ng	#	85
18) Hexachloroethane	8.93	117	111329	27.23	ng		88
19) n-Nitroso-di-n-propylamine	8.66	70	237630	31.45	ng	#	91
20) 3+4-Methylphenols	8.62	107	282610	23.90	ng		87
22) Acetophenone	8.69	105	394615	28.40	ng	#	89
24) Nitrobenzene	9.07	77	364012	36.82	ng		92
25) Isophorone	9.59	82	569258	30.78	ng	#	88
26) 2-Nitrophenol	9.77	139	107768	21.55	ng	#	43
27) 2,4-Dimethylphenol	9.83	122	199483	22.91	ng	#	80
28) bis(2-Chloroethoxy)methane	10.07	93	345921	31.13	ng		98
29) 2,4-Dichlorophenol	10.30	162	206229	24.87	ng		92
30) 1,2,4-Trichlorobenzene	10.52	180	256331	27.68	ng		91
31) Naphthalene	10.71	128	735211	24.78	ng		99
32) Benzoic acid	9.92	122	128226	23.06	ng	#	70
33) 4-Chloroaniline	10.82	127	280168	22.88	ng	#	77
34) Hexachlorobutadiene	10.98	225	180781	32.93	ng		99
35) Caprolactam	11.60	113	58738	21.42	ng	#	65
36) 4-Chloro-3-methylphenol	11.93	107	234179	25.04	ng	#	79
37) 2-Methylnaphthalene	12.32	142	505563	24.85	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	304724	28.19	ng	#	100
40) Hexachlorocyclopentadiene	12.66	237	174894	29.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	176550	25.04	ng		96
43) 2,4,5-Trichlorophenol	13.00	196	196461	26.51	ng	#	87
45) 1,1'-Biphenyl	13.33	154	678793	22.76	ng		95
46) 2-Chloronaphthalene	13.37	162	514363	23.48	ng		94
47) 2-Nitroaniline	13.59	65	196758	36.21	ng	#	66
48) Acenaphthylene	14.23	152	855285	23.42	ng		100
49) Dimethylphthalate	13.96	163	624507	22.54	ng	#	99
50) 2,6-Dinitrotoluene	14.09	165	134529	23.27	ng	#	64
51) Acenaphthene	14.57	154	509544	24.08	ng		97
52) 3-Nitroaniline	14.42	138	129496	21.88	ng	#	40
53) 2,4-Dinitrophenol	14.62	184	74210	26.67	ng		89
54) Dibenzofuran	14.90	168	758585	24.82	ng		93
55) 4-Nitrophenol	14.71	139	104488	21.38	ng	#	19
56) 2,4-Dinitrotoluene	14.87	165	183307	24.43	ng	#	91
57) Fluorene	15.55	166	676134	26.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.13	232	165708	29.09	ng	#	100
59) Diethylphthalate	15.32	149	627881	23.08	ng		99
60) 4-Chlorophenyl-phenylether	15.55	204	349541	27.28	ng		97
61) 4-Nitroaniline	15.58	138	137825	22.81	ng	#	25
62) Azobenzene	15.84	77	748708	35.10	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	107797	24.49	ng		90
65) n-Nitrosodiphenylamine	15.76	169	560401	24.29	ng		98
66) 4-Bromophenyl-phenylether	16.44	248	213206	27.10	ng	#	88
67) Hexachlorobenzene	16.55	284	234644	27.76	ng	#	87
68) Atrazine	16.71	200	213544	29.68	ng		98
69) Pentachlorophenol	16.90	266	134824	27.94	ng		97
70) Phenanthrene	17.29	178	1046340	25.55	ng		100
71) Anthracene	17.39	178	1065136	26.18	ng		99
72) Carbazole	17.66	167	1032745	29.14	ng		98
73) Di-n-butylphthalate	18.20	149	1035046	24.98	ng	#	97
74) Fluoranthene	19.31	202	1245802	29.50	ng		99
76) Benzidine	19.50	184	678991	22.28	ng		99
77) Pyrene	19.67	202	1336830	20.04	ng		98
79) Butylbenzylphthalate	20.56	149	465469	18.12	ng	#	71
80) Benzo(a)anthracene	21.41	228	1377107	24.14	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	530388	29.20	ng		99
82) Chrysene	21.46	228	1296859	23.62	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	696682	19.77	ng		99
84) Di-n-octyl phthalate	22.22	149	1173705	20.16	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.13	276	1445745	25.07	ng	#	100
87) Benzo(b)fluoranthene	23.05	252	1392807	26.01	ng	#	95
88) Benzo(k)fluoranthene	23.10	252	1272200	24.34	ng	#	97
89) Benzo(a)pyrene	23.66	252	1266701	25.15	ng		97
90) Dibenzo(a,h)anthracene	26.14	278	1232863	25.07	ng		96
91) Benzo(g,h,i)perylene	26.86	276	1203952	24.24	ng	#	93

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

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