Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011361.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Aug 28 15:36:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM082817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:34:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	36476	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	172893	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	148995	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	486676	20.00	ng		0.00
75) Chrysene-d12	20.92	240	993039	20.00	ng		0.00
86) Perylene-d12	22.99	264	1185290	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	171566	79.51	ng		0.00
7) Phenol-d6	6.46	99	303692	99.06	ng		0.00
23) Nitrobenzene-d5	8.40	82	466234	101.21	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	212217	88.87	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	870206	73.25	ng		0.00
78) Terphenyl-d14	19.36	244	2962533	59.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	39798	41.079	ng	#	100
3) Pyridine	3.28	79	153413	57.972	ng	#	85
4) n-Nitrosodimethylamine	3.20	42	78203	57.989	ng	#	61
6) Aniline	6.61	93	216010	55.904	ng	#	85
8) 2-Chlorophenol	6.83	128	94673	43.216	ng	#	55
9) Benzaldehyde	6.42	77	117111	59.038	ng	#	67
10) Phenol	6.49	94	182798	54.895	ng		89
11) bis(2-Chloroethyl)ether	6.71	93	122128	47.070	ng	#	82
12) 1,3-Dichlorobenzene	7.15	146	108705	40.716	ng	#	71
13) 1,4-Dichlorobenzene	7.30	146	112709	41.185	ng	#	87
14) 1,2-Dichlorobenzene	7.60	146	110076	42.069	ng	#	80
15) Benzyl Alcohol	7.51	79	179135	60.908	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.80	45	140643	60.238	ng		87
17) 2-Methylphenol	7.72	107	106518	50.050	ng	#	63
18) Hexachloroethane	8.32	117	49971	41.871	ng	#	74
19) n-Nitroso-di-n-propylamine	8.07	70	181302	69.591	ng	#	87
20) 3+4-Methylphenols	8.05	107	161351	54.540	ng	#	72
22) Acetophenone	8.08	105	232499	44.861	ng	#	86
24) Nitrobenzene	8.45	77	253717	53.151	ng	#	79
25) Isophorone	8.97	82	408316	53.161	ng	#	82
26) 2-Nitrophenol	9.15	139	63845	42.034	ng	#	10
27) 2,4-Dimethylphenol	9.23	122	115670	43.260	ng	#	65
28) bis(2-Chloroethoxy)methane	9.46	93	203323	47.463	ng	#	96
29) 2,4-Dichlorophenol	9.69	162	134870	44.888	ng		94
30) 1,2,4-Trichlorobenzene	9.89	180	156395	42.098	ng		99
31) Naphthalene	10.06	128	357947	41.154	ng		97
32) Benzoic acid	9.35	122	110541	51.434	ng	#	34
33) 4-Chloroaniline	10.20	127	156837	45.202	ng	#	63
34) Hexachlorobutadiene	10.36	225	123565	42.230	ng		95
35) Caprolactam	10.97	113	55654	65.317	ng	#	84
36) 4-Chloro-3-methylphenol	11.33	107	194729	50.193	ng	#	68
37) 2-Methylnaphthalene	11.69	142	289098	45.246	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	235790	36.835	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	94515	25.339	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	155613	40.163	ng		95
43) 2,4,5-Trichlorophenol	12.41	196	165509	41.475	ng	#	81
45) 1,1'-Biphenyl	12.74	154	471535	36.600	ng		92
46) 2-Chloronaphthalene	12.78	162	371647	39.153	ng	#	91
47) 2-Nitroaniline	13.01	65	223182	66.460	ng	#	55
48) Acenaphthylene	13.64	152	580028	40.945	ng		98
49) Dimethylphthalate	13.41	163	539453	42.324	ng	#	97
50) 2,6-Dinitrotoluene	13.53	165	108101	41.941	ng	#	14
51) Acenaphthene	13.99	154	372399	42.456	ng		100
52) 3-Nitroaniline	13.86	138	107784	48.190	ng	#	4
53) 2,4-Dinitrophenol	14.07	184	94660	51.676	ng	#	77
54) Dibenzofuran	14.33	168	611219	43.006	ng	#	88
55) 4-Nitrophenol	14.21	139	81757	41.605	ng	#	57
56) 2,4-Dinitrotoluene	14.32	165	177423	49.034	ng	#	65
57) Fluorene	14.99	166	563169	45.511	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.57	232	183051	48.939	ng	#	100
59) Diethylphthalate	14.80	149	563856	43.317	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	328515	43.972	ng		93
61) 4-Nitroaniline	15.03	138	104787	44.108	ng	#	1
62) Azobenzene	15.29	77	818786	58.773	ng		83
64) 4,6-Dinitro-2-methylphenol	15.09	198	147785	44.855	ng		92
65) n-Nitrosodiphenylamine	15.22	169	523828	37.610	ng		98
66) 4-Bromophenyl-phenylether	15.90	248	238781	38.166	ng	#	89
67) Hexachlorobenzene	16.00	284	257621	36.440	ng	#	85
68) Atrazine	16.19	200	219147	39.263	ng		97
69) Pentachlorophenol	16.35	266	193734	43.163	ng		99
70) Phenanthrene	16.73	178	1094804	42.962	ng		98
71) Anthracene	16.82	178	1104467	43.457	ng		99
72) Carbazole	17.11	167	1052449	47.352	ng		98
73) Di-n-butylphthalate	17.70	149	1121347	41.429	ng	#	95
74) Fluoranthene	18.77	202	1766792	55.946	ng		98
76) Benzidine	18.99	184	434397	18.286	ng		97
77) Pyrene	19.13	202	1890977	32.048	ng		98
79) Butylbenzylphthalate	20.08	149	660393	31.474	ng	#	49
80) Benzo(a)anthracene	20.90	228	2352058	41.481	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	954287	42.901	ng	#	95
82) Chrysene	20.96	228	2253748	41.408	ng		98
83) Bis(2-ethylhexyl)phthalate	20.87	149	1020299	33.054	ng	#	98
84) Di-n-octyl phthalate	21.72	149	1895332	37.833	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	3353680	59.495	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2864397	37.653	ng	#	90
88) Benzo(k)fluoranthene	22.43	252	2679801	36.753	ng	#	94
89) Benzo(a)pyrene	22.90	252	2740313	39.809	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2885573	45.219	ng	#	89
91) Benzo(g,h,i)perylene	25.60	276	2921218	46.619	ng	#	85

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

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