Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010839.D
Acq On : 17 Jul 2017 15:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 05:32:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	250253	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	1040931	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	755223	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	2057928	20.00	ng		0.00
75) Chrysene-d12	21.07	240	2546379	20.00	ng		0.00
86) Perylene-d12	23.20	264	2279816	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1158388	76.68	ng		0.00
7) Phenol-d6	6.63	99	1671207	80.24	ng		0.00
23) Nitrobenzene-d5	8.59	82	2132919	78.76	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	1005315	87.11	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	4583713	75.50	ng		0.00
78) Terphenyl-d14	19.51	244	10089112	76.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	239488	35.926	ng	#	100
3) Pyridine	3.46	79	711043	39.023	ng		88
4) n-Nitrosodimethylamine	3.39	42	348800	37.455	ng	#	78
6) Aniline	6.79	93	1045115	40.058	ng		91
8) 2-Chlorophenol	7.02	128	609426	40.743	ng		89
9) Benzaldehyde	6.60	77	571037	39.487	ng		84
10) Phenol	6.66	94	918079	41.693	ng		94
11) bis(2-Chloroethyl)ether	6.89	93	681462	40.182	ng		95
12) 1,3-Dichlorobenzene	7.33	146	693020	37.491	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	718578	37.670	ng	#	90
14) 1,2-Dichlorobenzene	7.79	146	704110	38.736	ng	#	89
15) Benzyl Alcohol	7.69	79	808484	40.996	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.97	45	608087	41.357	ng		77
17) 2-Methylphenol	7.89	107	610776	42.888	ng	#	78
18) Hexachloroethane	8.50	117	302826	37.848	ng	#	83
19) n-Nitroso-di-n-propylamine	8.25	70	709011	42.976	ng	#	92
20) 3+4-Methylphenols	8.22	107	857841	43.356	ng		81
22) Acetophenone	8.26	105	1219245	38.902	ng	#	95
24) Nitrobenzene	8.63	77	1083960	39.056	ng		93
25) Isophorone	9.16	82	1870592	42.164	ng	#	87
26) 2-Nitrophenol	9.33	139	368789	39.933	ng	#	38
27) 2,4-Dimethylphenol	9.40	122	645591	39.167	ng	#	74
28) bis(2-Chloroethoxy)methane	9.64	93	993150	39.934	ng		99
29) 2,4-Dichlorophenol	9.86	162	725472	38.963	ng		95
30) 1,2,4-Trichlorobenzene	10.07	180	857836	37.686	ng		97
31) Naphthalene	10.26	128	2062245	38.963	ng		99
32) Benzoic acid	9.56	122	577977	44.691	ng	#	64
33) 4-Chloroaniline	10.37	127	889166	41.698	ng	#	79
34) Hexachlorobutadiene	10.54	225	652906	36.966	ng		96
35) Caprolactam	11.16	113	230643	46.527	ng	#	86
36) 4-Chloro-3-methylphenol	11.51	107	973028	43.202	ng	#	73
37) 2-Methylnaphthalene	11.88	142	1549535	40.760	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1217025	36.970	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	674350	35.734	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	771778	38.074	ng		95
43) 2,4,5-Trichlorophenol	12.57	196	792257	39.588	ng	#	86
45) 1,1'-Biphenyl	12.92	154	2516414	38.246	ng		97
46) 2-Chloronaphthalene	12.96	162	1843294	38.208	ng	#	94
47) 2-Nitroaniline	13.17	65	692016	43.635	ng	#	72
48) Acenaphthylene	13.82	152	2882496	40.172	ng		99
49) Dimethylphthalate	13.57	163	2623389	40.831	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	559004	44.357	ng	#	70
51) Acenaphthene	14.16	154	1758571	40.109	ng		99
52) 3-Nitroaniline	14.02	138	500412	43.679	ng	#	57
53) 2,4-Dinitrophenol	14.22	184	389171	44.672	ng	#	90
54) Dibenzofuran	14.50	168	2829459	39.895	ng	#	88
55) 4-Nitrophenol	14.33	139	455409	45.770	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	796766	45.563	ng		94
57) Fluorene	15.16	166	2513592	41.228	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	782123	42.061	ng	#	100
59) Diethylphthalate	14.95	149	2756368	43.440	ng		98
60) 4-Chlorophenyl-phenylether	15.16	204	1480829	39.540	ng		95
61) 4-Nitroaniline	15.19	138	555735	46.410	ng	#	1
62) Azobenzene	15.45	77	2759840	42.833	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	562426	41.446	ng		90
65) n-Nitrosodiphenylamine	15.37	169	2261191	38.400	ng		99
66) 4-Bromophenyl-phenylether	16.05	248	997684	38.254	ng	#	87
67) Hexachlorobenzene	16.16	284	1131840	37.952	ng	#	84
68) Atrazine	16.34	200	996342	40.857	ng		97
69) Pentachlorophenol	16.50	266	779381	40.767	ng		99
70) Phenanthrene	16.89	178	4264425	39.832	ng		99
71) Anthracene	16.99	178	4281561	40.289	ng		99
72) Carbazole	17.26	167	3943948	42.139	ng		99
73) Di-n-butylphthalate	17.84	149	4850028	43.800	ng	#	97
74) Fluoranthene	18.93	202	5643136	42.561	ng		98
76) Benzidine	19.12	184	2663887	39.093	ng		99
77) Pyrene	19.29	202	5686264	38.520	ng		99
79) Butylbenzylphthalate	20.22	149	2303877	44.578	ng	#	77
80) Benzo(a)anthracene	21.05	228	5844334	39.610	ng		99
81) 3,3'-Dichlorobenzidine	21.00	252	2419750	41.709	ng	#	97
82) Chrysene	21.10	228	5553743	39.523	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	3335886	44.325	ng		100
84) Di-n-octyl phthalate	21.87	149	5593521	45.362	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	5668419	35.179	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	5973840	41.252	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	5666847	40.969	ng	#	95
89) Benzo(a)pyrene	23.11	252	5378613	40.805	ng	#	96
90) Dibenzo(a,h)anthracene	25.32	278	4622258	36.129	ng	#	92
91) Benzo(g,h,i)perylene	25.95	276	4503228	35.807	ng	#	84

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

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