Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
Data File : BM010938.D
Acq On : 21 Jul 2017 16:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 23:23:15 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	7.42	152	326283	20.00	ng		-0.03
21) Naphthalene-d8	10.19	136	1411729	20.00	ng		-0.02
38) Acenaphthene-d10	14.08	164	952853	20.00	ng		-0.02
63) Phenanthrene-d10	16.83	188	2204386	20.00	ng		-0.02
75) Chrysene-d12	21.06	240	1783133	20.00	ng		-0.01
86) Perylene-d12	23.18	264	1417181	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	1562470	79.32	ng		-0.02
7) Phenol-d6	6.62	99	2343176	86.29	ng		-0.02
23) Nitrobenzene-d5	8.57	82	2957216	80.52	ng		-0.02
41) 2,4,6-Tribromophenol	15.58	330	1173011	80.56	ng		-0.02
44) 2-Fluorobiphenyl	12.69	172	6094845	79.57	ng		-0.02
78) Terphenyl-d14	19.50	244	8870810	96.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	302263	34.777	ng	#	100
3) Pyridine	3.45	79	932966	39.271	ng	#	87
4) n-Nitrosodimethylamine	3.37	42	440195	36.254	ng	#	75
6) Aniline	6.77	93	1486645	43.704	ng		95
8) 2-Chlorophenol	7.00	128	844856	43.321	ng		90
9) Benzaldehyde	6.59	77	766583	40.657	ng		84
10) Phenol	6.65	94	1284790	44.750	ng		89
11) bis(2-Chloroethyl)ether	6.87	93	974656	44.078	ng		98
12) 1,3-Dichlorobenzene	7.32	146	939993	39.003	ng	#	83
13) 1,4-Dichlorobenzene	7.46	146	988044	39.726	ng	#	91
14) 1,2-Dichlorobenzene	7.77	146	948096	40.004	ng	#	92
15) Benzyl Alcohol	7.67	79	1119128	43.524	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.96	45	879705	45.889	ng		81
17) 2-Methylphenol	7.87	107	824717	44.416	ng	#	79
18) Hexachloroethane	8.48	117	423538	40.600	ng	#	85
19) n-Nitroso-di-n-propylamine	8.24	70	1000018	46.491	ng		93
20) 3+4-Methylphenols	8.20	107	1172619	45.456	ng		87
22) Acetophenone	8.24	105	1713421	40.310	ng	#	96
24) Nitrobenzene	8.62	77	1508541	40.078	ng		90
25) Isophorone	9.14	82	2651917	44.075	ng	#	87
26) 2-Nitrophenol	9.32	139	535670	42.768	ng	#	44
27) 2,4-Dimethylphenol	9.39	122	915944	40.973	ng	#	71
28) bis(2-Chloroethoxy)methane	9.63	93	1429063	42.369	ng		99
29) 2,4-Dichlorophenol	9.85	162	1002521	39.700	ng		92
30) 1,2,4-Trichlorobenzene	10.05	180	1171932	37.962	ng		98
31) Naphthalene	10.23	128	2831395	39.444	ng		99
32) Benzoic acid	9.56	122	825875	47.086	ng	#	65
33) 4-Chloroaniline	10.36	127	1155797	39.965	ng	#	78
34) Hexachlorobutadiene	10.52	225	896916	37.443	ng		97
35) Caprolactam	11.16	113	301505	44.847	ng	#	88
36) 4-Chloro-3-methylphenol	11.49	107	1332288	43.616	ng	#	72
37) 2-Methylnaphthalene	11.86	142	2096686	40.666	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.24	216	1634316	39.349	ng	#	100
40) Hexachlorocyclopentadiene	12.22	237	831709	34.932	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.49	196	1035313	40.482	ng		99
43) 2,4,5-Trichlorophenol	12.56	196	1050145	41.590	ng	#	90
45) 1,1'-Biphenyl	12.90	154	3351966	40.379	ng		97
46) 2-Chloronaphthalene	12.94	162	2421322	39.780	ng	#	93
47) 2-Nitroaniline	13.16	65	891825	44.571	ng	#	74
48) Acenaphthylene	13.80	152	3640707	40.215	ng		100
49) Dimethylphthalate	13.56	163	3304563	40.766	ng	#	99
50) 2,6-Dinitrotoluene	13.67	165	697684	43.879	ng	#	70
51) Acenaphthene	14.14	154	2218411	40.103	ng		97
52) 3-Nitroaniline	14.00	138	569249	39.382	ng	#	38
53) 2,4-Dinitrophenol	14.21	184	446880	40.657	ng		87
54) Dibenzofuran	14.49	168	3585722	40.072	ng		92
55) 4-Nitrophenol	14.32	139	493814	39.336	ng	#	1
56) 2,4-Dinitrotoluene	14.46	165	934351	42.349	ng		96
57) Fluorene	15.14	166	3074200	39.965	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.72	232	938835	40.017	ng	#	100
59) Diethylphthalate	14.94	149	3300316	41.224	ng		100
60) 4-Chlorophenyl-phenylether	15.14	204	1833623	38.806	ng		97
61) 4-Nitroaniline	15.17	138	582484	38.554	ng	#	1
62) Azobenzene	15.43	77	3400774	41.833	ng		89
64) 4,6-Dinitro-2-methylphenol	15.23	198	628424	43.232	ng		89
65) n-Nitrosodiphenylamine	15.36	169	2711442	42.987	ng		99
66) 4-Bromophenyl-phenylether	16.04	248	1187744	42.515	ng	#	93
67) Hexachlorobenzene	16.14	284	1319682	41.311	ng	#	93
68) Atrazine	16.33	200	1064385	40.747	ng		97
69) Pentachlorophenol	16.49	266	837478	40.895	ng		96
70) Phenanthrene	16.88	178	4609408	40.194	ng		99
71) Anthracene	16.97	178	4624797	40.627	ng		99
72) Carbazole	17.24	167	3801900	37.922	ng		100
73) Di-n-butylphthalate	17.83	149	5732747	48.332	ng	#	97
74) Fluoranthene	18.91	202	5085089	35.804	ng		98
76) Benzidine	19.12	184	1391884	29.170	ng		98
77) Pyrene	19.27	202	5048093	48.835	ng		99
79) Butylbenzylphthalate	20.21	149	1813421	50.107	ng	#	74
80) Benzo(a)anthracene	21.04	228	4155983	40.223	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	1601150	39.412	ng	#	98
82) Chrysene	21.09	228	3935300	39.992	ng		100
83) Bis(2-ethylhexyl)phthalate	21.00	149	2518063	47.779	ng	#	99
84) Di-n-octyl phthalate	21.85	149	3778311	43.756	ng		99
85) Indeno(1,2,3-cd)pyrene	25.28	276	3624725	32.124	ng	#	100
87) Benzo(b)fluoranthene	22.55	252	3720913	41.334	ng	#	92
88) Benzo(k)fluoranthene	22.59	252	3443136	40.045	ng	#	94
89) Benzo(a)pyrene	23.09	252	3310822	40.406	ng	#	96
90) Dibenzo(a,h)anthracene	25.29	278	2921316	36.733	ng	#	91
91) Benzo(g,h,i)perylene	25.91	276	3017382	38.597	ng	#	84

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

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