Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
Data File : BM009549.D
Acq On : 05 Apr 2017 09:21
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 05 11:23:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UGO
4/5/2017 7:59:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	159546	20.00	ng		-0.02
21) Naphthalene-d8	10.64	136	645754	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	393973	20.00	ng		-0.02
63) Phenanthrene-d10	17.23	188	913112	20.00	ng		-0.02
75) Chrysene-d12	21.42	240	1225990	20.00	ng		-0.01
86) Perylene-d12	23.73	264	1136689	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	770482	80.50	ng		-0.02
7) Phenol-d6	7.00	99	1114359	85.37	ng		-0.02
23) Nitrobenzene-d5	9.01	82	1411078	81.93	ng		-0.02
41) 2,4,6-Tribromophenol	15.98	330	419025	85.61	ng		-0.02
44) 2-Fluorobiphenyl	13.10	172	2606439	79.72	ng		-0.02
78) Terphenyl-d14	19.86	244	4751182	80.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	175305	36.42	ng	#	100
3) Pyridine	3.75	79	537343	39.50	ng	#	82
4) n-Nitrosodimethylamine	3.67	42	289048	39.92	ng	#	66
6) Aniline	7.17	93	740339	41.74	ng		93
8) 2-Chlorophenol	7.40	128	406139	41.85	ng	#	79
9) Benzaldehyde	6.99	77	357724	34.82	ng	#	81
10) Phenol	7.03	94	592201	41.87	ng		90
11) bis(2-Chloroethyl)ether	7.27	93	465074	40.12	ng	#	81
12) 1,3-Dichlorobenzene	7.73	146	459147	39.52	ng	#	86
13) 1,4-Dichlorobenzene	7.87	146	479768	39.96	ng	#	92
14) 1,2-Dichlorobenzene	8.19	146	460545	39.50	ng	#	94
15) Benzyl Alcohol	8.09	79	482150	42.25	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.37	45	793013	39.36	ng		96
17) 2-Methylphenol	8.28	107	392414	42.40	ng	#	88
18) Hexachloroethane	8.92	117	201990	41.13	ng		92
19) n-Nitroso-di-n-propylamine	8.65	70	447848	42.56	ng		91
20) 3+4-Methylphenols	8.60	107	538936	42.83	ng		89
22) Acetophenone	8.67	105	736326	40.43	ng	#	91
24) Nitrobenzene	9.05	77	686948	40.71	ng		92
25) Isophorone	9.57	82	1108994	42.21	ng	#	90
26) 2-Nitrophenol	9.76	139	217319	42.70	ng	#	46
27) 2,4-Dimethylphenol	9.81	122	383124	41.15	ng	#	80
28) bis(2-Chloroethoxy)methane	10.05	93	658975	40.51	ng		98
29) 2,4-Dichlorophenol	10.29	162	400774	41.18	ng		94
30) 1,2,4-Trichlorobenzene	10.50	180	472687	39.14	ng		98
31) Naphthalene	10.69	128	1396050	40.73	ng		99
32) Benzoic acid	9.95	122	237760	36.69	ng	#	82
33) 4-Chloroaniline	10.80	127	572906	43.33	ng	#	80
34) Hexachlorobutadiene	10.96	225	322811	39.04	ng		97
35) Caprolactam	11.60	113	132957m	44.75	ng		
36) 4-Chloro-3-methylphenol	11.92	107	482423	43.81	ng	#	80
37) 2-Methylnaphthalene	12.30	142	997980	42.18	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	576972	38.79	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	307993	36.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.91	196	347848	40.90	ng		98
43) 2,4,5-Trichlorophenol	12.98	196	391274	41.23	ng	#	84
45) 1,1'-Biphenyl	13.32	154	1331396	40.60	ng		97
46) 2-Chloronaphthalene	13.36	162	1005640	39.49	ng		95
47) 2-Nitroaniline	13.57	65	423137	45.10	ng	#	69
48) Acenaphthylene	14.21	152	1705881	41.12	ng		99
49) Dimethylphthalate	13.95	163	1242645	41.08	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	278360	42.70	ng	#	65
51) Acenaphthene	14.55	154	1027218	41.04	ng		99
52) 3-Nitroaniline	14.40	138	284252	44.26	ng	#	51
53) 2,4-Dinitrophenol	14.61	184	144400	36.07	ng		93
54) Dibenzofuran	14.89	168	1496406	40.43	ng		92
55) 4-Nitrophenol	14.70	139	228534	43.05	ng	#	32
56) 2,4-Dinitrotoluene	14.86	165	387585	43.95	ng		96
57) Fluorene	15.54	166	1372640	41.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.11	232	343406	42.79	ng	#	100
59) Diethylphthalate	15.30	149	1303806	42.49	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	711929	40.98	ng		99
61) 4-Nitroaniline	15.57	138	323431	46.37	ng	#	39
62) Azobenzene	15.82	77	1562308	43.61	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	232964	40.50	ng		89
65) n-Nitrosodiphenylamine	15.74	169	1139987	41.10	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	429930	40.64	ng	#	94
67) Hexachlorobenzene	16.53	284	466673	40.24	ng	#	86
68) Atrazine	16.70	200	414657	39.75	ng		98
69) Pentachlorophenol	16.88	266	276757	39.07	ng		96
70) Phenanthrene	17.28	178	2129777	40.79	ng		99
71) Anthracene	17.37	178	2210503	41.82	ng		98
72) Carbazole	17.64	167	2181551	43.09	ng		99
73) Di-n-butylphthalate	18.19	149	2265120	43.80	ng	#	98
74) Fluoranthene	19.29	202	2627702	42.49	ng		98
76) Benzidine	19.48	184	1273121	34.84	ng		100
77) Pyrene	19.66	202	2794584	40.19	ng		98
79) Butylbenzylphthalate	20.54	149	1084751	43.32	ng	#	74
80) Benzo(a)anthracene	21.40	228	2960255	41.34	ng		98
81) 3,3'-Dichlorobenzidine	21.33	252	1135600	42.35	ng	#	98
82) Chrysene	21.45	228	2796833	40.91	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1602668	42.89	ng		98
84) Di-n-octyl phthalate	22.21	149	2764340	44.46	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.10	276	3171123	42.53	ng	#	100
87) Benzo(b)fluoranthene	23.03	252	2980878	41.37	ng	#	96
88) Benzo(k)fluoranthene	23.08	252	2880605m	41.57	ng		
89) Benzo(a)pyrene	23.63	252	2768130	41.49	ng		99
90) Dibenzo(a,h)anthracene	26.11	278	2742134	41.95	ng	#	95
91) Benzo(g,h,i)perylene	26.83	276	2653830	41.65	ng	#	93

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

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