Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087728.D
Acq On : 6 Jun 2016 1:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:21 PM

Quant Time: Jun 06 04:41:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118325	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	479285	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	230603	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	401421	20.00	ng		0.00
75) Chrysene-d12	14.02	240	260512	20.00	ng		0.00
86) Perylene-d12	15.44	264	237345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	551594	75.35	ng		0.00
7) Phenol-d6	6.49	99	681633	74.24	ng		0.00
23) Nitrobenzene-d5	7.43	82	628754	75.90	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	180994	78.19	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1230519	80.53	ng		0.00
78) Terphenyl-d14	12.97	244	967144	90.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	143876	40.66	ng	#	34
3) Pyridine	3.20	79	321896	34.43	ng		99
4) n-Nitrosodimethylamine	3.14	42	154409	39.10	ng		96
6) Aniline	6.52	93	506733	38.94	ng		100
8) 2-Chlorophenol	6.64	128	321732	38.19	ng		98
9) Benzaldehyde	6.41	77	226983	36.57	ng		99
10) Phenol	6.50	94	398518	38.12	ng		91
11) bis(2-Chloroethyl)ether	6.60	93	299383	39.41	ng	#	80
12) 1,3-Dichlorobenzene	6.80	146	333433	36.97	ng		100
13) 1,4-Dichlorobenzene	6.88	146	359429	39.71	ng		99
14) 1,2-Dichlorobenzene	7.04	146	310721	36.62	ng		99
15) Benzyl Alcohol	7.00	79	254958	37.59	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	409151	36.94	ng		97
17) 2-Methylphenol	7.12	107	273607	40.45	ng		97
18) Hexachloroethane	7.38	117	124682	39.40	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	211112	36.82	ng		98
20) 3+4-Methylphenols	7.27	107	319135	38.51	ng		92
22) Acetophenone	7.28	105	444818	40.98	ng		96
24) Nitrobenzene	7.45	77	361982	43.66	ng		100
25) Isophorone	7.69	82	596504	39.55	ng		100
26) 2-Nitrophenol	7.76	139	158074	41.03	ng		99
27) 2,4-Dimethylphenol	7.80	122	329507	41.27	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	363623	38.01	ng		100
29) 2,4-Dichlorophenol	8.00	162	255830	39.02	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	284827	41.48	ng		99
31) Naphthalene	8.17	128	930086	39.91	ng		100
32) Benzoic acid	7.92	122	144508	30.00	ng		98
33) 4-Chloroaniline	8.22	127	383623	37.90	ng		100
34) Hexachlorobutadiene	8.30	225	143948	40.32	ng		97
35) Caprolactam	8.60	113	94364	43.81	ng	#	73
36) 4-Chloro-3-methylphenol	8.70	107	259938	38.32	ng		96
37) 2-Methylnaphthalene	8.86	142	593530	38.57	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	256602	40.38	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	131089	35.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	190457	39.68	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	189759	42.48	ng	#	95
45) 1,1'-Biphenyl	9.32	154	678492	36.25	ng		99
46) 2-Chloronaphthalene	9.35	162	526808	35.36	ng		100
47) 2-Nitroaniline	9.44	65	162122	38.65	ng		99
48) Acenaphthylene	9.77	152	910358	39.18	ng		99
49) Dimethylphthalate	9.63	163	673132	40.15	ng		100
50) 2,6-Dinitrotoluene	9.69	165	165008	43.26	ng	#	85
51) Acenaphthene	9.94	154	574988	38.47	ng		99
52) 3-Nitroaniline	9.86	138	173532	39.78	ng	#	63
53) 2,4-Dinitrophenol	9.95	184	52804	32.90	ng		98
54) Dibenzofuran	10.11	168	812714	39.93	ng		99
55) 4-Nitrophenol	10.01	139	144032	38.63	ng	#	78
56) 2,4-Dinitrotoluene	10.09	165	217701	44.82	ng	#	89
57) Fluorene	10.44	166	573565	36.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	150667	39.16	ng	#	58
59) Diethylphthalate	10.33	149	650675	38.65	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	252692	39.16	ng		99
61) 4-Nitroaniline	10.47	138	163239	38.92	ng		97
62) Azobenzene	10.60	77	684671	40.40	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	75862	34.59	ng		98
65) n-Nitrosodiphenylamine	10.56	169	522208	39.72	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	173657	43.63	ng		96
67) Hexachlorobenzene	10.99	284	173072	38.88	ng		98
68) Atrazine	11.10	200	163217	41.91	ng		99
69) Pentachlorophenol	11.19	266	100159	37.87	ng		99
70) Phenanthrene	11.40	178	822432	37.79	ng		100
71) Anthracene	11.46	178	904104	41.46	ng		100
72) Carbazole	11.61	167	760522	36.84	ng		100
73) Di-n-butylphthalate	11.95	149	980472	44.30	ng		99
74) Fluoranthene	12.59	202	857674	40.04	ng		99
76) Benzidine	12.72	184	370836	36.10	ng		99
77) Pyrene	12.82	202	865348	46.65	ng		100
79) Butylbenzylphthalate	13.45	149	394142	49.92	ng		89
80) Benzo(a)anthracene	14.00	228	620392	41.26	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	185219	43.67	ng		98
82) Chrysene	14.05	228	659370	44.06	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	487578	51.90	ng	#	97
84) Di-n-octyl phthalate	14.62	149	783361	44.85	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	585110	47.30	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	649031	42.04	ng		99
88) Benzo(k)fluoranthene	15.06	252	466944m	36.35	ng		
89) Benzo(a)pyrene	15.38	252	527207	40.62	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	479695	43.43	ng		99
91) Benzo(g,h,i)perylene	17.26	276	482410	43.29	ng		100

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

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