Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088988.D
Acq On : 14 Jul 2016 15:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:23 AM

Quant Time: Jul 15 02:25:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	55953	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	236198	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	109267	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	206724	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	148714	20.00	ng		-0.03
86) Perylene-d12	15.18	264	121556	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	293609	78.64	ng		-0.01
7) Phenol-d6	6.34	99	389467	80.73	ng		-0.01
23) Nitrobenzene-d5	7.26	82	324320	71.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	73356	72.30	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	580789	83.96	ng		-0.02
78) Terphenyl-d14	12.78	244	496398	74.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	64591	34.90	ng	#	29
3) Pyridine	2.82	79	182860	34.05	ng		96
4) n-Nitrosodimethylamine	2.79	42	73479	35.81	ng		97
6) Aniline	6.34	93	257709	36.66	ng	#	50
8) 2-Chlorophenol	6.47	128	156570	39.02	ng		95
9) Benzaldehyde	6.23	77	107187	32.80	ng		90
10) Phenol	6.35	94	221259	40.19	ng	#	61
11) bis(2-Chloroethyl)ether	6.43	93	162368	39.55	ng	#	83
12) 1,3-Dichlorobenzene	6.63	146	184193	41.72	ng		98
13) 1,4-Dichlorobenzene	6.71	146	189261	43.18	ng		99
14) 1,2-Dichlorobenzene	6.86	146	160660m	39.16	ng		
15) Benzyl Alcohol	6.83	79	134073	37.76	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	194827	32.77	ng		79
17) 2-Methylphenol	6.96	107	124558	38.05	ng		95
18) Hexachloroethane	7.20	117	70250	41.44	ng	#	86
19) n-Nitroso-di-n-propylamine	7.12	70	123796	38.20	ng	#	84
20) 3+4-Methylphenols	7.12	107	171868	43.75	ng	#	75
22) Acetophenone	7.11	105	250704	43.73	ng	#	92
24) Nitrobenzene	7.28	77	197573	43.48	ng		92
25) Isophorone	7.52	82	308012	36.89	ng		96
26) 2-Nitrophenol	7.59	139	76930	41.28	ng	#	90
27) 2,4-Dimethylphenol	7.64	122	152293	39.24	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	213703	39.33	ng	#	96
29) 2,4-Dichlorophenol	7.84	162	135187	43.10	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	145954	42.40	ng		99
31) Naphthalene	8.00	128	509344	43.74	ng		98
32) Benzoic acid	7.78	122	104536	37.10	ng		92
33) 4-Chloroaniline	8.04	127	188681	36.42	ng		94
34) Hexachlorobutadiene	8.11	225	73516	39.88	ng		98
35) Caprolactam	8.42	113	40427	37.95	ng		94
36) 4-Chloro-3-methylphenol	8.54	107	142491	38.41	ng		89
37) 2-Methylnaphthalene	8.68	142	306280	40.85	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	174460	48.00	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	57345	32.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	90404	37.73	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	87547	42.47	ng	#	83
45) 1,1'-Biphenyl	9.15	154	411001	45.42	ng		96
46) 2-Chloronaphthalene	9.18	162	293865	41.37	ng		94
47) 2-Nitroaniline	9.27	65	94963	37.67	ng		95
48) Acenaphthylene	9.59	152	472906	41.84	ng		98
49) Dimethylphthalate	9.46	163	330492	42.45	ng		98
50) 2,6-Dinitrotoluene	9.52	165	73510	42.61	ng		96
51) Acenaphthene	9.76	154	306134	44.19	ng		99
52) 3-Nitroaniline	9.68	138	78870	35.96	ng		90
53) 2,4-Dinitrophenol	9.78	184	31215	40.98	ng	#	68
54) Dibenzofuran	9.93	168	377853	41.67	ng		96
55) 4-Nitrophenol	9.85	139	58647	35.19	ng		87
56) 2,4-Dinitrotoluene	9.92	165	104433	46.30	ng	#	80
57) Fluorene	10.26	166	280608	40.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	63596	39.87	ng	#	44
59) Diethylphthalate	10.15	149	309305	39.59	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	141896	43.70	ng		95
61) 4-Nitroaniline	10.30	138	92313	43.74	ng		93
62) Azobenzene	10.42	77	364147	40.86	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	44845	40.56	ng		84
65) n-Nitrosodiphenylamine	10.39	169	274801	39.28	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	81494	39.12	ng	#	92
67) Hexachlorobenzene	10.81	284	79133	34.31	ng		91
68) Atrazine	10.91	200	89493	41.05	ng		93
69) Pentachlorophenol	11.00	266	45171	33.10	ng		97
70) Phenanthrene	11.22	178	490336	43.39	ng		99
71) Anthracene	11.27	178	412715	36.73	ng		99
72) Carbazole	11.43	167	436435	41.27	ng		99
73) Di-n-butylphthalate	11.77	149	532045	43.25	ng		99
74) Fluoranthene	12.40	202	483775	42.23	ng		98
76) Benzidine	12.52	184	254142	33.81	ng		99
77) Pyrene	12.63	202	533858	42.34	ng		98
79) Butylbenzylphthalate	13.26	149	222882	39.63	ng		96
80) Benzo(a)anthracene	13.81	228	369768	38.61	ng		100
81) 3,3'-Dichlorobenzidine	13.78	252	130155	36.15	ng	#	98
82) Chrysene	13.84	228	339380	35.82	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	283836	44.20	ng		99
84) Di-n-octyl phthalate	14.42	149	450113	41.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	270741	37.14	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	347585m	45.58	ng		
88) Benzo(k)fluoranthene	14.83	252	261647m	39.42	ng		
89) Benzo(a)pyrene	15.13	252	290048	44.93	ng	#	93
90) Dibenzo(a,h)anthracene	16.47	278	232899	43.20	ng		98
91) Benzo(g,h,i)perylene	16.85	276	232905	41.75	ng	#	94

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

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