Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089132.D
Acq On : 20 Jul 2016 13:33
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 20 15:48:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 15:28:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50271	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	206665	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	99748	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	198761	20.00	ng	0.00
75) Chrysene-d12	13.73	240	141721	20.00	ng	0.00
86) Perylene-d12	15.07	264	123455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	260459	77.99	ng	0.00
7) Phenol-d6	6.27	99	330469	76.31	ng	0.00
23) Nitrobenzene-d5	7.18	82	298858	75.77	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	68727	75.46	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	605594	91.40	ng	0.00
78) Terphenyl-d14	12.68	244	469141	74.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.04	88	57295	35.02	ng	100
3) Pyridine	2.67	79	142774	30.47	ng	100
4) n-Nitrosodimethylamine	2.64	42	61773	34.14	ng	100
6) Aniline	6.27	93	220892	35.63	ng	100
8) 2-Chlorophenol	6.40	128	140585	38.76	ng	100
9) Benzaldehyde	6.15	77	88602	30.98	ng	100
10) Phenol	6.28	94	197225	39.93	ng	100
11) bis(2-Chloroethyl)ether	6.35	93	148034	39.76	ng	100
12) 1,3-Dichlorobenzene	6.54	146	150187	37.68	ng	100
13) 1,4-Dichlorobenzene	6.62	146	152525	38.57	ng	100
14) 1,2-Dichlorobenzene	6.78	146	155316	41.22	ng	100
15) Benzyl Alcohol	6.76	79	127577	40.15	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	164384	31.76	ng	100
17) 2-Methylphenol	6.89	107	113907	38.90	ng	100
18) Hexachloroethane	7.11	117	57964	38.20	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	113748	38.44	ng	100
20) 3+4-Methylphenols	7.05	107	158032	43.62	ng	100
22) Acetophenone	7.03	105	223173	43.66	ng	100
24) Nitrobenzene	7.20	77	168611	41.75	ng	100
25) Isophorone	7.44	82	280607	38.38	ng	100
26) 2-Nitrophenol	7.51	139	72793	43.44	ng	100
27) 2,4-Dimethylphenol	7.56	122	120767	36.20	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	189382	39.38	ng	100
29) 2,4-Dichlorophenol	7.76	162	114652	41.16	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	127751	42.01	ng	100
31) Naphthalene	7.91	128	416013	40.72	ng	100
32) Benzoic acid	7.72	122	102291	41.15	ng	100
33) 4-Chloroaniline	7.98	127	185192	40.65	ng	100
34) Hexachlorobutadiene	8.03	225	71625	43.68	ng	100
35) Caprolactam	8.35	113	35619	38.60	ng	100
36) 4-Chloro-3-methylphenol	8.47	107	135261	41.32	ng	100
37) 2-Methylnaphthalene	8.60	142	285672	42.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	137598	41.47	ng	100
40) Hexachlorocyclopentadiene	8.75	237	41618	26.91	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	85031	38.57	ng	100
43) 2,4,5-Trichlorophenol	8.94	196	85014	44.55	ng	100
45) 1,1'-Biphenyl	9.06	154	327743	39.86	ng	100
46) 2-Chloronaphthalene	9.08	162	258944	40.11	ng	100
47) 2-Nitroaniline	9.19	65	88187	39.18	ng	100
48) Acenaphthylene	9.50	152	407909	39.64	ng	100
49) Dimethylphthalate	9.38	163	316324	43.32	ng	100
50) 2,6-Dinitrotoluene	9.44	165	73431	45.12	ng	100
51) Acenaphthene	9.67	154	243927	38.53	ng	100
52) 3-Nitroaniline	9.61	138	87134	43.79	ng	100
53) 2,4-Dinitrophenol	9.71	184	30559	43.08	ng	100
54) Dibenzofuran	9.84	168	334780	40.34	ng	100
55) 4-Nitrophenol	9.79	139	53734	36.46	ng	100
56) 2,4-Dinitrotoluene	9.84	165	88614	42.28	ng	100
57) Fluorene	10.18	166	313591	47.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	62419	42.62	ng	100
59) Diethylphthalate	10.07	149	290012	40.56	ng	100
60) 4-Chlorophenyl-phenylether	10.18	204	126981	41.92	ng	100
61) 4-Nitroaniline	10.22	138	78114	40.02	ng	100
62) Azobenzene	10.33	77	305038	37.59	ng	100
64) 4,6-Dinitro-2-methylphenol	10.25	198	48874	45.62	ng	100
65) n-Nitrosodiphenylamine	10.30	169	247030	37.36	ng	100
66) 4-Bromophenyl-phenylether	10.66	248	77829	38.89	ng	100
67) Hexachlorobenzene	10.73	284	79285	36.32	ng	100
68) Atrazine	10.83	200	82502	39.69	ng	100
69) Pentachlorophenol	10.92	266	40624	32.27	ng	100
70) Phenanthrene	11.13	178	402105	37.13	ng	100
71) Anthracene	11.19	178	455234	41.84	ng	100
72) Carbazole	11.35	167	415256	40.14	ng	100
73) Di-n-butylphthalate	11.68	149	447019	37.81	ng	100
74) Fluoranthene	12.31	202	414792	38.25	ng	100
76) Benzidine	12.44	184	193819	28.49	ng	100
77) Pyrene	12.54	202	475107	39.91	ng	100
79) Butylbenzylphthalate	13.16	149	199982	37.68	ng	100
80) Benzo(a)anthracene	13.71	228	350649	38.66	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	132615	38.63	ng	100
82) Chrysene	13.76	228	357174	39.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	251056	41.20	ng	100
84) Di-n-octyl phthalate	14.33	149	422325	40.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.31	276	248865	36.12	ng	100
87) Benzo(b)fluoranthene	14.71	252	403161m	49.56	ng	
88) Benzo(k)fluoranthene	14.74	252	211390m	32.58	ng	
89) Benzo(a)pyrene	15.02	252	266581	40.58	ng	100
90) Dibenzo(a,h)anthracene	16.32	278	213281	38.98	ng	100
91) Benzo(g,h,i)perylene	16.67	276	213503	37.88	ng	100

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

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