Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
Data File : BF089133.D
Acq On : 20 Jul 2016 14:02
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jul 20 15:50:56 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	48987	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	203131	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	95269	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	192139	20.00	ng		0.00
75) Chrysene-d12	13.73	240	129054	20.00	ng		0.00
86) Perylene-d12	15.07	264	113673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	319160	98.07	ng		0.00
7) Phenol-d6	6.27	99	400038	94.79	ng		0.00
23) Nitrobenzene-d5	7.18	82	376351	97.08	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	85106	97.84	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	704366	111.31	ng		0.00
78) Terphenyl-d14	12.69	244	628508	109.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	64590	40.52	ng		93
3) Pyridine	2.67	79	185483	40.62	ng		97
4) n-Nitrosodimethylamine	2.64	42	78592	44.57	ng		99
6) Aniline	6.27	93	273402	45.26	ng		94
8) 2-Chlorophenol	6.40	128	174941	49.49	ng		97
9) Benzaldehyde	6.15	77	102847	36.91	ng		97
10) Phenol	6.28	94	232337	48.27	ng		90
11) bis(2-Chloroethyl)ether	6.35	93	179568	49.50	ng		96
12) 1,3-Dichlorobenzene	6.55	146	191686m	49.35	ng		
13) 1,4-Dichlorobenzene	6.62	146	190954	49.56	ng		100
14) 1,2-Dichlorobenzene	6.78	146	191424	52.13	ng		98
15) Benzyl Alcohol	6.76	79	152277	49.18	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	206480	40.94	ng		99
17) 2-Methylphenol	6.89	107	140036	49.08	ng		99
18) Hexachloroethane	7.11	117	74391	50.31	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	137449	47.67	ng		94
20) 3+4-Methylphenols	7.05	107	190866	54.06	ng		99
22) Acetophenone	7.03	105	262279	52.20	ng	#	97
24) Nitrobenzene	7.20	77	210367	53.00	ng		92
25) Isophorone	7.44	82	345693	48.11	ng		97
26) 2-Nitrophenol	7.51	139	91846	55.77	ng		99
27) 2,4-Dimethylphenol	7.56	122	149744	45.67	ng		100
28) bis(2-Chloroethoxy)methane	7.66	93	222680	47.11	ng		99
29) 2,4-Dichlorophenol	7.76	162	140053	51.15	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	158136	52.91	ng		99
31) Naphthalene	7.91	128	507888	50.58	ng		100
32) Benzoic acid	7.74	122	126366	51.72	ng		98
33) 4-Chloroaniline	7.98	127	240665	53.74	ng		98
34) Hexachlorobutadiene	8.03	225	89056	55.25	ng		99
35) Caprolactam	8.36	113	46553	51.33	ng		98
36) 4-Chloro-3-methylphenol	8.47	107	169897	52.80	ng		96
37) 2-Methylnaphthalene	8.60	142	362882	54.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	173559	54.76	ng		98
40) Hexachlorocyclopentadiene	8.75	237	53586	36.28	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	107906	51.24	ng		97
43) 2,4,5-Trichlorophenol	8.94	196	106415	58.39	ng		97
45) 1,1'-Biphenyl	9.07	154	418346	53.28	ng		94
46) 2-Chloronaphthalene	9.08	162	313182	50.79	ng		100
47) 2-Nitroaniline	9.20	65	117961	54.87	ng	#	64
48) Acenaphthylene	9.50	152	492906	50.16	ng		100
49) Dimethylphthalate	9.38	163	388374	55.69	ng		98
50) 2,6-Dinitrotoluene	9.44	165	84603	54.43	ng	#	77
51) Acenaphthene	9.67	154	287462	47.54	ng		100
52) 3-Nitroaniline	9.61	138	104737	55.11	ng		84
53) 2,4-Dinitrophenol	9.71	184	38650	57.04	ng	#	89
54) Dibenzofuran	9.84	168	392086	49.47	ng		99
55) 4-Nitrophenol	9.79	139	61511	43.70	ng		90
56) 2,4-Dinitrotoluene	9.84	165	98878	49.40	ng		89
57) Fluorene	10.18	166	348867	55.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	69379	49.60	ng		95
59) Diethylphthalate	10.07	149	366978	53.74	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	167243	57.80	ng		95
61) 4-Nitroaniline	10.23	138	106275	57.01	ng		95
62) Azobenzene	10.34	77	389396	50.25	ng		82
64) 4,6-Dinitro-2-methylphenol	10.25	198	59888	57.82	ng	#	71
65) n-Nitrosodiphenylamine	10.31	169	329215	51.51	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	92062	47.59	ng		96
67) Hexachlorobenzene	10.73	284	105120	49.81	ng	#	95
68) Atrazine	10.83	200	88697	44.15	ng		99
69) Pentachlorophenol	10.92	266	49663	40.81	ng		98
70) Phenanthrene	11.13	178	480290	45.88	ng		100
71) Anthracene	11.19	178	574501	54.62	ng		100
72) Carbazole	11.35	167	491819	49.18	ng		99
73) Di-n-butylphthalate	11.68	149	558244	48.85	ng		100
74) Fluoranthene	12.31	202	513278	48.96	ng		100
76) Benzidine	12.45	184	228328	36.85	ng		99
77) Pyrene	12.54	202	543516	50.14	ng		100
79) Butylbenzylphthalate	13.17	149	226908	46.95	ng		97
80) Benzo(a)anthracene	13.71	228	422136	51.11	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	141314	45.21	ng		97
82) Chrysene	13.76	228	446064	54.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	304208	54.82	ng		99
84) Di-n-octyl phthalate	14.34	149	515381	54.69	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	294178	46.89	ng		100
87) Benzo(b)fluoranthene	14.72	252	433190m	57.83	ng		
88) Benzo(k)fluoranthene	14.74	252	274146m	45.89	ng		
89) Benzo(a)pyrene	15.02	252	317356	52.47	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	254023	50.42	ng		96
91) Benzo(g,h,i)perylene	16.67	276	253797	48.91	ng		98

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

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