Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090378.D
Acq On : 5 Oct 2016 13:47
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:19 PM

Quant Time: Oct 05 14:20:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	278998	20.00	ng		0.01
21) Naphthalene-d8	8.30	136	1177601	20.00	ng		0.01
38) Acenaphthene-d10	10.06	164	599973	20.00	ng		0.01
63) Phenanthrene-d10	11.55	188	915600	20.00	ng		0.00
75) Chrysene-d12	14.20	240	691086	20.00	ng		0.00
86) Perylene-d12	15.70	264	422416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	2173578	122.88	ng		0.00
7) Phenol-d6	6.63	99	2810935	127.13	ng		0.01
23) Nitrobenzene-d5	7.57	82	2884457	142.78	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	589108	113.05	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3490008	94.84	ng		0.00
78) Terphenyl-d14	13.14	244	3704942	124.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	558085	64.64	ng	#	93
3) Pyridine	3.49	79	1587081	69.34	ng		88
4) n-Nitrosodimethylamine	3.46	42	637997	76.96	ng	#	63
6) Aniline	6.67	93	2022401	66.57	ng		96
8) 2-Chlorophenol	6.79	128	1250800	62.93	ng		99
9) Benzaldehyde	6.55	77	739299	72.03	ng		96
10) Phenol	6.65	94	1586485	58.99	ng		95
11) bis(2-Chloroethyl)ether	6.74	93	1269497	66.48	ng		88
12) 1,3-Dichlorobenzene	6.94	146	1189352	57.61	ng	#	88
13) 1,4-Dichlorobenzene	7.02	146	1181677	56.37	ng		99
14) 1,2-Dichlorobenzene	7.18	146	1274913	63.97	ng		99
15) Benzyl Alcohol	7.15	79	1096096	70.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	2022139	69.28	ng		92
17) 2-Methylphenol	7.26	107	1054132	68.47	ng		99
18) Hexachloroethane	7.53	117	512411	67.55	ng		95
19) n-Nitroso-di-n-propylamine	7.43	70	1097304	77.71	ng	#	81
20) 3+4-Methylphenols	7.41	107	1231240	62.90	ng		92
22) Acetophenone	7.42	105	1613806	59.19	ng		94
24) Nitrobenzene	7.59	77	1390248	64.45	ng		99
25) Isophorone	7.83	82	2616999	68.09	ng		96
26) 2-Nitrophenol	7.91	139	669552	80.44	ng		96
27) 2,4-Dimethylphenol	7.95	122	1238213	65.94	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	1432427	60.02	ng	#	97
29) 2,4-Dichlorophenol	8.15	162	983976	64.01	ng		94
30) 1,2,4-Trichlorobenzene	8.23	180	914664	53.12	ng		99
31) Naphthalene	8.33	128	3247363	57.69	ng		99
32) Benzoic acid	8.10	122	977211	88.49	ng		90
33) 4-Chloroaniline	8.36	127	1335822	59.41	ng		98
34) Hexachlorobutadiene	8.44	225	581525	57.38	ng		99
35) Caprolactam	8.76	113	312453	77.71	ng		93
36) 4-Chloro-3-methylphenol	8.85	107	1231141	74.57	ng		94
37) 2-Methylnaphthalene	9.01	142	1944133	55.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	1059252	62.55	ng		99
40) Hexachlorocyclopentadiene	9.17	237	596124	60.19	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	634088	59.52	ng		97
43) 2,4,5-Trichlorophenol	9.33	196	662683	61.82	ng	#	92
45) 1,1'-Biphenyl	9.48	154	2497722	53.77	ng		98
46) 2-Chloronaphthalene	9.50	162	1792060	51.40	ng		98
47) 2-Nitroaniline	9.59	65	747764	78.57	ng		92
48) Acenaphthylene	9.93	152	3189803	60.48	ng		99
49) Dimethylphthalate	9.79	163	2224410	62.63	ng		98
50) 2,6-Dinitrotoluene	9.85	165	525119	67.59	ng	#	58
51) Acenaphthene	10.10	154	2029662	63.23	ng		99
52) 3-Nitroaniline	10.01	138	574420	65.27	ng		88
53) 2,4-Dinitrophenol	10.11	184	246819	105.08	ng	#	68
54) Dibenzofuran	10.27	168	2620024	61.73	ng		94
55) 4-Nitrophenol	10.17	139	578798	82.60	ng		87
56) 2,4-Dinitrotoluene	10.25	165	729503	78.01	ng	#	53
57) Fluorene	10.61	166	2138606	60.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	511005	67.60	ng		89
59) Diethylphthalate	10.49	149	2298083	63.30	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	1003226	59.59	ng		99
61) 4-Nitroaniline	10.63	138	650268	82.15	ng		92
62) Azobenzene	10.76	77	2551995	67.45	ng		91
64) 4,6-Dinitro-2-methylphenol	10.66	198	397932	113.93	ng	#	60
65) n-Nitrosodiphenylamine	10.73	169	1885561	60.39	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	564848	57.09	ng		93
67) Hexachlorobenzene	11.16	284	625387	53.78	ng	#	87
68) Atrazine	11.25	200	477885	63.93	ng		93
69) Pentachlorophenol	11.35	266	408473	62.66	ng		98
70) Phenanthrene	11.57	178	2547814	51.87	ng		100
71) Anthracene	11.63	178	2865036	58.43	ng		98
72) Carbazole	11.78	167	2387238	52.96	ng		99
73) Di-n-butylphthalate	12.11	149	2905798	53.94	ng		100
74) Fluoranthene	12.77	202	2767853	59.41	ng		91
76) Benzidine	12.89	184	1179190	62.05	ng		97
77) Pyrene	13.00	202	2875444	64.98	ng		98
79) Butylbenzylphthalate	13.62	149	1477417	84.72	ng		96
80) Benzo(a)anthracene	14.19	228	2285598	58.98	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	891967	66.82	ng	#	99
82) Chrysene	14.22	228	1911529	52.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1870142	67.04	ng		98
84) Di-n-octyl phthalate	14.80	149	2654634	65.49	ng		94
85) Indeno(1,2,3-cd)pyrene	17.23	276	1624382	41.62	ng	#	93
87) Benzo(b)fluoranthene	15.26	252	1634016m	67.27	ng		
88) Benzo(k)fluoranthene	15.30	252	1647918m	71.02	ng		
89) Benzo(a)pyrene	15.64	252	1429354	64.51	ng	#	95
90) Dibenzo(a,h)anthracene	17.25	278	1365227	62.84	ng	#	94
91) Benzo(g,h,i)perylene	17.70	276	1312307	61.67	ng		95

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

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