Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091138.D
Acq On : 11 Nov 2016 14:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/14/2016 6:37:01 PM

Quant Time: Nov 11 15:53:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	175425	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	721298	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	375791	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	631175	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	535413	20.00	ng		-0.02
86) Perylene-d12	15.15	264	365196	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	930659	87.62	ng		-0.01
7) Phenol-d6	6.30	99	1165500	80.84	ng		-0.01
23) Nitrobenzene-d5	7.22	82	1020162	77.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	306573	90.24	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1725198	79.04	ng		-0.02
78) Terphenyl-d14	12.74	244	1690397	78.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	216934	35.70	ng		90
3) Pyridine	2.75	79	522283	36.74	ng		92
4) n-Nitrosodimethylamine	2.70	42	190621	33.90	ng		87
6) Aniline	6.30	93	667732	39.27	ng		94
8) 2-Chlorophenol	6.43	128	524838	41.42	ng		93
9) Benzaldehyde	6.19	77	298297	37.28	ng		94
10) Phenol	6.32	94	688314	43.14	ng	#	70
11) bis(2-Chloroethyl)ether	6.38	93	519192	38.62	ng		96
12) 1,3-Dichlorobenzene	6.58	146	530214m	41.38	ng		
13) 1,4-Dichlorobenzene	6.66	146	547406	39.81	ng		94
14) 1,2-Dichlorobenzene	6.82	146	521398	41.32	ng		97
15) Benzyl Alcohol	6.81	79	419591	41.26	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	6.93	45	654805	34.01	ng		85
17) 2-Methylphenol	6.92	107	388111	38.69	ng		97
18) Hexachloroethane	7.15	117	205326	38.59	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	364285	36.46	ng		99
20) 3+4-Methylphenols	7.08	107	505745	42.00	ng		96
22) Acetophenone	7.07	105	706829	42.56	ng		95
24) Nitrobenzene	7.24	77	609197	41.72	ng		94
25) Isophorone	7.48	82	1004325	39.42	ng		99
26) 2-Nitrophenol	7.55	139	261662	42.34	ng		96
27) 2,4-Dimethylphenol	7.61	122	445090	43.55	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	618355	44.42	ng		99
29) 2,4-Dichlorophenol	7.80	162	398258	44.65	ng		99
30) 1,2,4-Trichlorobenzene	7.88	180	443015	44.17	ng		97
31) Naphthalene	7.95	128	1361524	39.47	ng		99
32) Benzoic acid	7.77	122	298485	38.55	ng		99
33) 4-Chloroaniline	8.02	127	599560	41.79	ng		98
34) Hexachlorobutadiene	8.08	225	258162	47.69	ng		99
35) Caprolactam	8.40	113	116666	41.63	ng		91
36) 4-Chloro-3-methylphenol	8.51	107	466064	43.16	ng		94
37) 2-Methylnaphthalene	8.65	142	980796	44.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	402178	41.98	ng		99
40) Hexachlorocyclopentadiene	8.80	237	109376	33.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	276280	44.67	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	276444	42.57	ng		96
45) 1,1'-Biphenyl	9.12	154	1124717	40.99	ng		94
46) 2-Chloronaphthalene	9.13	162	849633	40.78	ng		96
47) 2-Nitroaniline	9.24	65	338944	43.84	ng		86
48) Acenaphthylene	9.54	152	1269889	39.11	ng		99
49) Dimethylphthalate	9.42	163	1086676	44.10	ng		98
50) 2,6-Dinitrotoluene	9.48	165	225076	42.62	ng	#	82
51) Acenaphthene	9.71	154	834510	40.94	ng		99
52) 3-Nitroaniline	9.65	138	286876	45.81	ng		89
53) 2,4-Dinitrophenol	9.77	184	98806	37.92	ng		97
54) Dibenzofuran	9.89	168	1151559	41.97	ng		91
55) 4-Nitrophenol	9.84	139	123137	33.14	ng	#	79
56) 2,4-Dinitrotoluene	9.88	165	289753	43.12	ng	#	53
57) Fluorene	10.22	166	867524	38.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	214591	42.18	ng		99
59) Diethylphthalate	10.11	149	1014491	40.16	ng		96
60) 4-Chlorophenyl-phenylether	10.22	204	456702	44.74	ng		92
61) 4-Nitroaniline	10.27	138	290919	45.92	ng		95
62) Azobenzene	10.38	77	1210395	40.70	ng		93
64) 4,6-Dinitro-2-methylphenol	10.29	198	153248	39.65	ng	#	29
65) n-Nitrosodiphenylamine	10.35	169	882801	44.00	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	251959	38.38	ng	#	65
67) Hexachlorobenzene	10.77	284	295499	40.81	ng		96
68) Atrazine	10.88	200	203013	35.08	ng		95
69) Pentachlorophenol	10.98	266	121077	37.75	ng		99
70) Phenanthrene	11.18	178	1411227	42.06	ng		99
71) Anthracene	11.23	178	1388128	38.91	ng		100
72) Carbazole	11.40	167	1256084	39.07	ng		97
73) Di-n-butylphthalate	11.73	149	1569702	38.83	ng		99
74) Fluoranthene	12.36	202	1294776	37.21	ng		98
76) Benzidine	12.50	184	447212	37.39	ng		98
77) Pyrene	12.59	202	1361074	38.82	ng		100
79) Butylbenzylphthalate	13.22	149	616736	36.77	ng	#	86
80) Benzo(a)anthracene	13.78	228	1155058	38.00	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	423148	39.62	ng	#	98
82) Chrysene	13.81	228	1124291	37.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	763862	33.65	ng	#	98
84) Di-n-octyl phthalate	14.40	149	1270770	34.05	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.43	276	830534	33.39	ng		95
87) Benzo(b)fluoranthene	14.79	252	1153415m	46.57	ng		
88) Benzo(k)fluoranthene	14.81	252	813331m	37.43	ng		
89) Benzo(a)pyrene	15.11	252	887946	41.18	ng	#	98
90) Dibenzo(a,h)anthracene	16.43	278	721723	38.72	ng		99
91) Benzo(g,h,i)perylene	16.81	276	676294	40.12	ng	#	94

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

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