Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090373.D
Acq On : 5 Oct 2016 11:25
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 14:51:58 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

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	264385	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1136337	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	576610	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	919353	20.00	ng		0.00
75) Chrysene-d12	14.19	240	733391	20.00	ng		-0.01
86) Perylene-d12	15.70	264	549130	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	92631	5.53	ng		0.00
7) Phenol-d6	6.61	99	132651	6.33	ng		-0.01
23) Nitrobenzene-d5	7.56	82	125253	6.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	22902	4.57	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	189334	5.35	ng		-0.01
78) Terphenyl-d14	13.13	244	168002	5.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	23984	2.93	ng		93
3) Pyridine	3.50	79	61396	2.83	ng		91
4) n-Nitrosodimethylamine	3.41	42	25102	3.20	ng	#	76
6) Aniline	6.66	93	79145	2.75	ng		95
8) 2-Chlorophenol	6.78	128	52850	2.81	ng		95
9) Benzaldehyde	6.54	77	32412	3.33	ng		93
10) Phenol	6.62	94	73866	2.90	ng		97
11) bis(2-Chloroethyl)ether	6.73	93	58410	3.23	ng		92
12) 1,3-Dichlorobenzene	6.94	146	52781m	2.70	ng		
13) 1,4-Dichlorobenzene	7.02	146	51097	2.57	ng		95
14) 1,2-Dichlorobenzene	7.17	146	51895	2.75	ng		97
15) Benzyl Alcohol	7.14	79	46056	3.12	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	96889	3.50	ng		99
17) 2-Methylphenol	7.24	107	39408	2.70	ng		94
18) Hexachloroethane	7.53	117	18619	2.59	ng	#	89
19) n-Nitroso-di-n-propylamine	7.40	70	47162	3.52	ng	#	90
20) 3+4-Methylphenols	7.40	107	57716	3.11	ng	#	66
22) Acetophenone	7.40	105	71990	2.74	ng	#	85
24) Nitrobenzene	7.57	77	59429	2.86	ng	#	89
25) Isophorone	7.82	82	113518	3.06	ng		100
26) 2-Nitrophenol	7.90	139	21872	2.72	ng	#	86
27) 2,4-Dimethylphenol	7.94	122	52942	2.92	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	65300	2.84	ng	#	94
29) 2,4-Dichlorophenol	8.14	162	38037	2.56	ng		94
30) 1,2,4-Trichlorobenzene	8.23	180	38247	2.30	ng		96
31) Naphthalene	8.31	128	156968	2.89	ng		96
33) 4-Chloroaniline	8.36	127	51768	2.39	ng	#	89
35) Caprolactam	8.68	113	12729	3.28	ng		97
36) 4-Chloro-3-methylphenol	8.83	107	48588	3.05	ng		97
37) 2-Methylnaphthalene	9.00	142	87816	2.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	37236	2.29	ng	#	94
42) 2,4,6-Trichlorophenol	9.29	196	23721	2.32	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	23582	2.29	ng	#	91
45) 1,1'-Biphenyl	9.47	154	123441	2.77	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	9.49	162	82516	2.46	ng		96
47) 2-Nitroaniline	9.58	65	32920	3.60	ng		94
48) Acenaphthylene	9.91	152	142784	2.82	ng		96
49) Dimethylphthalate	9.77	163	99045	2.90	ng		97
50) 2,6-Dinitrotoluene	9.82	165	20375	2.73	ng		96
51) Acenaphthene	10.09	154	88791	2.88	ng		97
52) 3-Nitroaniline	9.99	138	22334	2.64	ng		89
54) Dibenzofuran	10.26	168	121329	2.97	ng		98
55) 4-Nitrophenol	10.14	139	18704	2.78	ng		91
56) 2,4-Dinitrotoluene	10.22	165	25617	2.85	ng	#	19
57) Fluorene	10.60	166	101341	2.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	18150	2.50	ng	#	79
59) Diethylphthalate	10.46	149	109215	3.13	ng	#	88
60) 4-Chlorophenyl-phenylether	10.59	204	38352	2.37	ng	#	82
61) 4-Nitroaniline	10.60	138	23379	3.07	ng		88
62) Azobenzene	10.75	77	124151	3.41	ng		87
65) n-Nitrosodiphenylamine	10.70	169	80523	2.57	ng		99
66) 4-Bromophenyl-phenylether	11.08	248	20742	2.09	ng	#	66
67) Hexachlorobenzene	11.15	284	24207	2.07	ng	#	69
68) Atrazine	11.23	200	18694	2.49	ng		95
70) Phenanthrene	11.56	178	128460	2.60	ng		95
71) Anthracene	11.62	178	143998	2.92	ng		94
72) Carbazole	11.77	167	129971	2.87	ng		96
74) Fluoranthene	12.76	202	129455	2.77	ng		91
77) Pyrene	12.99	202	138745	2.95	ng		97
79) Butylbenzylphthalate	13.61	149	68251	3.69	ng	#	66
80) Benzo(a)anthracene	14.18	228	114780	2.79	ng		95
81) 3,3'-Dichlorobenzidine	14.14	252	38060	2.69	ng	#	96
82) Chrysene	14.21	228	103410	2.68	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	102019	3.45	ng		98
84) Di-n-octyl phthalate	14.80	149	159118	3.70	ng		99
87) Benzo(b)fluoranthene	15.25	252	85910	2.72	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	83226m	2.76	ng		
89) Benzo(a)pyrene	15.63	252	72730	2.53	ng	#	96

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

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