Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090899.D
Acq On : 28 Oct 2016 10:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/1/2016 7:04:49 PM

Quant Time: Oct 28 13:28:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	211550	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	937613	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	492007	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	771019	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	633819	20.00	ng		-0.02
86) Perylene-d12	15.33	264	575473	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1141546	94.35	ng		-0.01
7) Phenol-d6	6.42	99	1446020	88.58	ng		0.00
23) Nitrobenzene-d5	7.33	82	1338304	93.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	398885	78.89	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	2369134	84.55	ng		-0.01
78) Terphenyl-d14	12.88	244	2094142	83.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	268743	43.44	ng	#	79
3) Pyridine	2.98	79	699191	41.67	ng	#	74
4) n-Nitrosodimethylamine	2.93	42	254428	53.86	ng	#	71
6) Aniline	6.43	93	818477	43.89	ng	#	29
8) 2-Chlorophenol	6.56	128	644822	43.20	ng		97
9) Benzaldehyde	6.30	77	370315	43.92	ng	#	72
10) Phenol	6.43	94	801055	44.53	ng	#	38
11) bis(2-Chloroethyl)ether	6.51	93	699043	46.97	ng		89
12) 1,3-Dichlorobenzene	6.70	146	646317	42.33	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	693053	43.17	ng	#	94
14) 1,2-Dichlorobenzene	6.93	146	580789m	37.74	ng		
15) Benzyl Alcohol	6.92	79	513936	47.94	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.05	45	879585	59.39	ng		64
17) 2-Methylphenol	7.04	107	509120	44.84	ng	#	82
18) Hexachloroethane	7.28	117	248626	42.55	ng		90
19) n-Nitroso-di-n-propylamine	7.20	70	472497	50.06	ng	#	69
20) 3+4-Methylphenols	7.20	107	626632	47.67	ng	#	87
22) Acetophenone	7.18	105	804219	41.69	ng	#	84
24) Nitrobenzene	7.36	77	717901	47.39	ng	#	69
25) Isophorone	7.60	82	1264488	43.50	ng	#	87
26) 2-Nitrophenol	7.68	139	373894	46.07	ng	#	81
27) 2,4-Dimethylphenol	7.72	122	596696	45.41	ng	#	82
28) bis(2-Chloroethoxy)methane	7.81	93	752983	45.55	ng	#	94
29) 2,4-Dichlorophenol	7.92	162	464422	38.17	ng		90
30) 1,2,4-Trichlorobenzene	8.00	180	529248	37.64	ng		97
31) Naphthalene	8.08	128	1724577	39.35	ng		96
32) Benzoic acid	7.88	122	474011	49.69	ng	#	63
33) 4-Chloroaniline	8.13	127	629632	35.56	ng	#	90
34) Hexachlorobutadiene	8.20	225	321653	38.91	ng		98
35) Caprolactam	8.52	113	163090	43.19	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	598694	45.25	ng		86
37) 2-Methylnaphthalene	8.77	142	1211690	42.80	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	506217	37.50	ng		98
40) Hexachlorocyclopentadiene	8.92	237	235346	37.90	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	345464	39.65	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	375577	41.85	ng	#	95
45) 1,1'-Biphenyl	9.23	154	1424549	40.20	ng		91
46) 2-Chloronaphthalene	9.25	162	1091744	40.50	ng	#	88
47) 2-Nitroaniline	9.36	65	373195	49.06	ng	#	73
48) Acenaphthylene	9.68	152	1771063	43.39	ng		96
49) Dimethylphthalate	9.54	163	1235469	37.59	ng	#	97
50) 2,6-Dinitrotoluene	9.61	165	306252	42.18	ng	#	91
51) Acenaphthene	9.85	154	1144253	40.70	ng		90
52) 3-Nitroaniline	9.77	138	290447	37.58	ng	#	55
53) 2,4-Dinitrophenol	9.88	184	156550	40.96	ng	#	84
54) Dibenzofuran	10.02	168	1556228	42.90	ng	#	90
55) 4-Nitrophenol	9.94	139	205488	43.60	ng	#	43
56) 2,4-Dinitrotoluene	10.01	165	394144	43.70	ng	#	84
57) Fluorene	10.36	166	1236672	41.62	ng		90
58) 2,3,4,6-Tetrachlorophenol	10.13	232	279197	34.84	ng		93
59) Diethylphthalate	10.24	149	1214438	37.20	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	544859	37.56	ng	#	88
61) 4-Nitroaniline	10.38	138	309912	40.49	ng	#	49
62) Azobenzene	10.51	77	1355579	42.22	ng		86
64) 4,6-Dinitro-2-methylphenol	10.42	198	234598	45.89	ng	#	77
65) n-Nitrosodiphenylamine	10.48	169	1050571	44.48	ng		91
66) 4-Bromophenyl-phenylether	10.84	248	378131	44.79	ng		93
67) Hexachlorobenzene	10.91	284	413109	41.34	ng	#	78
68) Atrazine	11.00	200	243289	33.30	ng		86
69) Pentachlorophenol	11.10	266	212984	39.73	ng		98
70) Phenanthrene	11.32	178	1664114	42.38	ng		95
71) Anthracene	11.37	178	1623080	39.26	ng		95
72) Carbazole	11.53	167	1619364	44.35	ng	#	93
73) Di-n-butylphthalate	11.86	149	1821962	38.71	ng	#	96
74) Fluoranthene	12.50	202	1542721	35.88	ng		96
76) Benzidine	12.62	184	329510	23.81	ng		98
77) Pyrene	12.73	202	1563858m	38.99	ng		
79) Butylbenzylphthalate	13.36	149	824673	45.31	ng	#	86
80) Benzo(a)anthracene	13.92	228	1535006	45.63	ng		94
81) 3,3'-Dichlorobenzidine	13.89	252	596251	45.66	ng	#	91
82) Chrysene	13.96	228	1632484m	47.98	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	1057661	44.63	ng	#	94
84) Di-n-octyl phthalate	14.53	149	1932115	48.55	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.71	276	1338509	44.39	ng	#	94
87) Benzo(b)fluoranthene	14.95	252	1566973	40.49	ng	#	88
88) Benzo(k)fluoranthene	14.97	252	1310312m	42.85	ng		
89) Benzo(a)pyrene	15.29	252	1398599	42.06	ng	#	85
90) Dibenzo(a,h)anthracene	16.72	278	1182509	42.01	ng	#	81
91) Benzo(g,h,i)perylene	17.11	276	1036539	39.10	ng	#	83

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

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