Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091371.D
Acq On : 1 Dec 2016 12:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/2/2016 4:20:44 PM

Quant Time: Dec 01 23:55:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176321	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	723082	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	378761	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	669587	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	426463	20.00	ng		-0.03
86) Perylene-d12	15.44	264	390107	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	863176	79.97	ng		-0.02
7) Phenol-d6	6.49	99	1086861	81.80	ng		0.00
23) Nitrobenzene-d5	7.43	82	1033163	80.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	277921	77.51	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1611157	77.02	ng		-0.02
78) Terphenyl-d14	12.97	244	1833759	93.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	189739	38.86	ng		87
3) Pyridine	3.18	79	560843	40.59	ng		87
4) n-Nitrosodimethylamine	3.13	42	296346	40.87	ng		97
6) Aniline	6.52	93	697058	39.50	ng	#	73
8) 2-Chlorophenol	6.64	128	462458	39.08	ng		85
9) Benzaldehyde	6.40	77	330468	38.68	ng		89
10) Phenol	6.50	94	674543	43.15	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	436690	39.09	ng		96
12) 1,3-Dichlorobenzene	6.80	146	530630	40.31	ng		98
13) 1,4-Dichlorobenzene	6.88	146	545032	41.62	ng		99
14) 1,2-Dichlorobenzene	7.03	146	458268	37.57	ng		100
15) Benzyl Alcohol	7.01	79	436416	41.04	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	940557	39.16	ng		72
17) 2-Methylphenol	7.11	107	370799	39.64	ng	#	75
18) Hexachloroethane	7.37	117	183245	39.41	ng	#	82
19) n-Nitroso-di-n-propylamine	7.28	70	338562	40.45	ng	#	95
20) 3+4-Methylphenols	7.27	107	440433	38.57	ng	#	64
22) Acetophenone	7.27	105	621143	36.24	ng	#	75
24) Nitrobenzene	7.44	77	464642	35.17	ng		94
25) Isophorone	7.69	82	873911	38.23	ng		95
26) 2-Nitrophenol	7.76	139	246241	40.90	ng		92
27) 2,4-Dimethylphenol	7.80	122	416172	36.95	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	533989	38.81	ng		99
29) 2,4-Dichlorophenol	8.00	162	375683	37.92	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	450019	40.52	ng		97
31) Naphthalene	8.17	128	1378774	40.12	ng		99
32) Benzoic acid	7.92	122	316240	38.09	ng		93
33) 4-Chloroaniline	8.22	127	610130	41.53	ng		100
34) Hexachlorobutadiene	8.30	225	255148	37.36	ng		99
35) Caprolactam	8.58	113	117797	41.37	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	432950	40.48	ng		92
37) 2-Methylnaphthalene	8.86	142	843477	36.13	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	453402	42.46	ng	#	97
40) Hexachlorocyclopentadiene	9.02	237	216302	43.70	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	279193	40.23	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	295574	42.50	ng		94
45) 1,1'-Biphenyl	9.33	154	1145143	42.05	ng		96
46) 2-Chloronaphthalene	9.35	162	834818	41.16	ng		99
47) 2-Nitroaniline	9.44	65	321309	44.11	ng	#	81
48) Acenaphthylene	9.76	152	1211099	37.93	ng		99
49) Dimethylphthalate	9.62	163	906075	39.51	ng		97
50) 2,6-Dinitrotoluene	9.68	165	204942	39.98	ng		92
51) Acenaphthene	9.93	154	813973	37.79	ng		97
52) 3-Nitroaniline	9.85	138	250063	42.15	ng		95
53) 2,4-Dinitrophenol	9.96	184	77897	34.75	ng	#	83
54) Dibenzofuran	10.10	168	1081508	37.51	ng		98
55) 4-Nitrophenol	10.00	139	152830	35.66	ng		96
56) 2,4-Dinitrotoluene	10.08	165	269990	40.60	ng	#	56
57) Fluorene	10.45	166	839537	37.92	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	230432	38.80	ng		98
59) Diethylphthalate	10.33	149	957820	42.31	ng	#	93
60) 4-Chlorophenyl-phenylether	10.45	204	449514	40.48	ng		99
61) 4-Nitroaniline	10.46	138	227155	40.77	ng		89
62) Azobenzene	10.61	77	1023861	44.32	ng		98
64) 4,6-Dinitro-2-methylphenol	10.49	198	143004	38.77	ng	#	60
65) n-Nitrosodiphenylamine	10.56	169	807595	39.78	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	283233	39.35	ng	#	71
67) Hexachlorobenzene	11.00	284	290781	37.39	ng	#	84
68) Atrazine	11.09	200	232632	35.38	ng		98
69) Pentachlorophenol	11.19	266	185335	40.48	ng		95
70) Phenanthrene	11.41	178	1267652	36.43	ng		100
71) Anthracene	11.46	178	1386156	40.14	ng		98
72) Carbazole	11.61	167	1251804	39.95	ng		99
73) Di-n-butylphthalate	11.96	149	1487024	41.87	ng		98
74) Fluoranthene	12.60	202	1464833	44.45	ng		98
76) Benzidine	12.71	184	550012	43.93	ng		99
77) Pyrene	12.83	202	1487867	45.97	ng		99
79) Butylbenzylphthalate	13.44	149	541643	44.69	ng		86
80) Benzo(a)anthracene	14.00	228	1054339	42.27	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	364692	41.51	ng	#	96
82) Chrysene	14.05	228	1105051	44.78	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	760562	49.51	ng	#	92
84) Di-n-octyl phthalate	14.62	149	1178679	50.71	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	974961	43.14	ng		95
87) Benzo(b)fluoranthene	15.04	252	1048442	43.24	ng	#	94
88) Benzo(k)fluoranthene	15.07	252	764178m	37.48	ng		
89) Benzo(a)pyrene	15.39	252	875252	40.19	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	832399	41.33	ng	#	95
91) Benzo(g,h,i)perylene	17.28	276	830603	40.00	ng		96

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

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