Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091470.D
Acq On : 7 Dec 2016 15:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/8/2016 2:03:55 PM

Quant Time: Dec 08 00:35:50 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	6.84	152	120278	20.00	ng		-0.04
21) Naphthalene-d8	8.12	136	476405	20.00	ng		-0.05
38) Acenaphthene-d10	9.88	164	290382	20.00	ng		-0.04
63) Phenanthrene-d10	11.35	188	486294	20.00	ng		-0.05
75) Chrysene-d12	13.98	240	386436	20.00	ng		-0.06
86) Perylene-d12	15.40	264	306675	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	553925	75.23	ng		-0.04
7) Phenol-d6	6.47	99	687730	75.88	ng		-0.03
23) Nitrobenzene-d5	7.40	82	640413	75.33	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	223648	81.35	ng		-0.05
44) 2-Fluorobiphenyl	9.20	172	1386612	86.46	ng		-0.04
78) Terphenyl-d14	12.94	244	1494537	84.06	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	108659	32.62	ng	#	86
3) Pyridine	3.11	79	317462	33.68	ng	#	78
4) n-Nitrosodimethylamine	3.06	42	176863	35.76	ng		95
6) Aniline	6.49	93	416603	34.60	ng	#	74
8) 2-Chlorophenol	6.62	128	309674	38.36	ng		92
9) Benzaldehyde	6.38	77	199070	34.16	ng		84
10) Phenol	6.48	94	427117	40.05	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	306683	40.25	ng		97
12) 1,3-Dichlorobenzene	6.78	146	329123m	36.65	ng		
13) 1,4-Dichlorobenzene	6.85	146	325567	36.45	ng		95
14) 1,2-Dichlorobenzene	7.01	146	341057	40.99	ng		95
15) Benzyl Alcohol	6.97	79	261670	36.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	638380	38.96	ng		71
17) 2-Methylphenol	7.09	107	226344	35.47	ng	#	74
18) Hexachloroethane	7.35	117	128486	40.51	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	221652	38.82	ng	#	83
20) 3+4-Methylphenols	7.25	107	308005	39.54	ng	#	56
22) Acetophenone	7.25	105	444152	39.33	ng	#	82
24) Nitrobenzene	7.42	77	368898	42.39	ng	#	89
25) Isophorone	7.66	82	581995	38.64	ng		98
26) 2-Nitrophenol	7.74	139	167841	42.32	ng	#	76
27) 2,4-Dimethylphenol	7.77	122	265451	35.78	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	373678	41.22	ng		98
29) 2,4-Dichlorophenol	7.98	162	273723	41.94	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	289734	39.59	ng		98
31) Naphthalene	8.14	128	851052	37.59	ng		100
32) Benzoic acid	7.90	122	228491	41.78	ng		94
33) 4-Chloroaniline	8.18	127	390407	40.34	ng	#	92
34) Hexachlorobutadiene	8.26	225	196101	43.58	ng		98
35) Caprolactam	8.56	113	73802	39.34	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	293712	41.68	ng	#	81
37) 2-Methylnaphthalene	8.84	142	630372	40.98	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	295515	36.10	ng		98
40) Hexachlorocyclopentadiene	8.98	237	151815	40.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	215945m	40.59	ng		
43) 2,4,5-Trichlorophenol	9.14	196	207526m	38.92	ng		
45) 1,1'-Biphenyl	9.29	154	720249	34.49	ng		97
46) 2-Chloronaphthalene	9.32	162	550769	35.42	ng		98
47) 2-Nitroaniline	9.41	65	206026	36.89	ng	#	71
48) Acenaphthylene	9.74	152	906124	37.02	ng		99
49) Dimethylphthalate	9.60	163	727960	41.40	ng		99
50) 2,6-Dinitrotoluene	9.66	165	169111	43.03	ng	#	76
51) Acenaphthene	9.91	154	659035	39.91	ng		97
52) 3-Nitroaniline	9.82	138	161153	35.43	ng		87
53) 2,4-Dinitrophenol	9.92	184	82112	47.78	ng	#	71
54) Dibenzofuran	10.08	168	836956	37.86	ng	#	88
55) 4-Nitrophenol	9.98	139	118404	36.04	ng		94
56) 2,4-Dinitrotoluene	10.06	165	236635	46.42	ng		90
57) Fluorene	10.41	166	663330	39.08	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	191373	42.03	ng		97
59) Diethylphthalate	10.30	149	730678	42.10	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	331377	38.93	ng		91
61) 4-Nitroaniline	10.44	138	176616	41.35	ng		88
62) Azobenzene	10.57	77	750787	42.39	ng		93
64) 4,6-Dinitro-2-methylphenol	10.46	198	116339	43.42	ng		90
65) n-Nitrosodiphenylamine	10.53	169	529254	35.90	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	221988	42.47	ng	#	74
67) Hexachlorobenzene	10.96	284	220089	38.97	ng	#	82
68) Atrazine	11.05	200	177673	37.21	ng		98
69) Pentachlorophenol	11.16	266	148352	44.62	ng		97
70) Phenanthrene	11.37	178	909984	36.01	ng		99
71) Anthracene	11.43	178	1078800	43.02	ng		99
72) Carbazole	11.58	167	824871	36.25	ng		99
73) Di-n-butylphthalate	11.92	149	1176281	45.61	ng		99
74) Fluoranthene	12.56	202	1116338	46.64	ng		97
76) Benzidine	12.68	184	342556	30.20	ng		98
77) Pyrene	12.79	202	1173967	40.03	ng		99
79) Butylbenzylphthalate	13.41	149	427895	38.96	ng		89
80) Benzo(a)anthracene	13.97	228	862192	38.15	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	320017	40.20	ng	#	95
82) Chrysene	14.01	228	960744	42.97	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	636268	45.71	ng	#	92
84) Di-n-octyl phthalate	14.59	149	998732	47.42	ng		96
85) Indeno(1,2,3-cd)pyrene	16.78	276	678641	33.14	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	741465	38.90	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	719315m	44.87	ng		
89) Benzo(a)pyrene	15.34	252	670507	39.17	ng	#	95
90) Dibenzo(a,h)anthracene	16.80	278	587527	37.11	ng	#	91
91) Benzo(g,h,i)perylene	17.20	276	557181	34.13	ng	#	95

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

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