Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090462.D
Acq On : 8 Oct 2016 2:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/10/2016 6:53:21 PM

Quant Time: Oct 08 04:27:10 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 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	288149	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1239043	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	638792	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	1057435	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	721268	20.00	ng		-0.02
86) Perylene-d12	15.68	264	505859	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1272419	65.90	ng		-0.01
7) Phenol-d6	6.62	99	1810337	71.59	ng		0.00
23) Nitrobenzene-d5	7.56	82	1800766	70.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	482068	92.81	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2890349	75.39	ng		-0.01
78) Terphenyl-d14	13.13	244	2983412	92.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	333052	34.99	ng	#	87
3) Pyridine	3.45	79	940658	35.45	ng	#	79
4) n-Nitrosodimethylamine	3.39	42	351433	32.09	ng	#	52
6) Aniline	6.65	93	1245223	35.65	ng	#	71
8) 2-Chlorophenol	6.77	128	750669	35.33	ng		89
9) Benzaldehyde	6.53	77	510344	39.93	ng		93
10) Phenol	6.65	94	980129	33.34	ng	#	52
11) bis(2-Chloroethyl)ether	6.73	93	802300	35.64	ng		100
12) 1,3-Dichlorobenzene	6.93	146	800684m	37.80	ng		
13) 1,4-Dichlorobenzene	7.01	146	790405	36.74	ng		93
14) 1,2-Dichlorobenzene	7.16	146	712600	34.38	ng		97
15) Benzyl Alcohol	7.14	79	715005	37.19	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1140942	29.89	ng		88
17) 2-Methylphenol	7.25	107	679089	38.86	ng		98
18) Hexachloroethane	7.50	117	274941	32.42	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	676251	36.47	ng	#	79
20) 3+4-Methylphenols	7.40	107	739540	32.70	ng	#	78
22) Acetophenone	7.40	105	1003971	34.21	ng		98
24) Nitrobenzene	7.57	77	825082	32.63	ng		96
25) Isophorone	7.81	82	1659549	35.63	ng		96
26) 2-Nitrophenol	7.89	139	426560	39.19	ng	#	86
27) 2,4-Dimethylphenol	7.94	122	755560	35.70	ng		97
28) bis(2-Chloroethoxy)methane	8.03	93	1029889	37.39	ng		99
29) 2,4-Dichlorophenol	8.14	162	602214	37.42	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	670340	40.42	ng		96
31) Naphthalene	8.30	128	2184496	36.54	ng		99
32) Benzoic acid	8.06	122	488138	33.17	ng		97
33) 4-Chloroaniline	8.35	127	964969	39.06	ng		95
34) Hexachlorobutadiene	8.42	225	322050	34.75	ng		99
35) Caprolactam	8.74	113	227587	42.06	ng	#	76
36) 4-Chloro-3-methylphenol	8.83	107	743448	36.89	ng		94
37) 2-Methylnaphthalene	9.00	142	1363957	37.70	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	624136	37.06	ng		98
40) Hexachlorocyclopentadiene	9.15	237	254708	27.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	486182	41.84	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	452932	41.22	ng	#	86
45) 1,1'-Biphenyl	9.46	154	1687485	35.65	ng		95
46) 2-Chloronaphthalene	9.49	162	1405593	40.19	ng		93
47) 2-Nitroaniline	9.58	65	550993	39.93	ng		83
48) Acenaphthylene	9.90	152	2022700	35.05	ng		100
49) Dimethylphthalate	9.77	163	1640451	40.10	ng		99
50) 2,6-Dinitrotoluene	9.82	165	378218	41.64	ng	#	85
51) Acenaphthene	10.07	154	1235252	34.33	ng		98
52) 3-Nitroaniline	9.99	138	447675	42.19	ng		99
53) 2,4-Dinitrophenol	10.09	184	113138	27.94	ng	#	1
54) Dibenzofuran	10.25	168	1666134	35.78	ng		93
55) 4-Nitrophenol	10.15	139	371233	39.99	ng	#	85
56) 2,4-Dinitrotoluene	10.22	165	451645	37.36	ng	#	43
57) Fluorene	10.59	166	1376401	35.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	301429m	36.73	ng		
59) Diethylphthalate	10.46	149	1633831	38.60	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	685832	38.54	ng		88
61) 4-Nitroaniline	10.61	138	445549	41.68	ng		94
62) Azobenzene	10.74	77	1717655	35.13	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	193407	29.46	ng	#	72
65) n-Nitrosodiphenylamine	10.70	169	1367110	38.58	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	418639	40.39	ng	#	80
67) Hexachlorobenzene	11.15	284	477813	41.39	ng	#	80
68) Atrazine	11.23	200	353208	40.42	ng		97
69) Pentachlorophenol	11.33	266	242639	35.31	ng		99
70) Phenanthrene	11.56	178	2222695	41.05	ng		99
71) Anthracene	11.61	178	1925440	34.82	ng		99
72) Carbazole	11.77	167	2114000	41.15	ng		97
73) Di-n-butylphthalate	12.10	149	2379779	38.06	ng	#	96
74) Fluoranthene	12.75	202	1999697	37.65	ng		98
76) Benzidine	12.86	184	780292	41.14	ng		99
77) Pyrene	12.98	202	1955487	40.66	ng		100
79) Butylbenzylphthalate	13.60	149	994738	40.31	ng	#	85
80) Benzo(a)anthracene	14.17	228	1622894	40.10	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	615057	41.92	ng	#	98
82) Chrysene	14.21	228	1605099	43.10	ng		99
83) Bis(2-ethylhexyl)phthalate	14.16	149	1350786	38.51	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1972891	37.94	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1124333	42.34	ng		95
87) Benzo(b)fluoranthene	15.24	252	1246451	38.68	ng		98
88) Benzo(k)fluoranthene	15.26	252	1115652m	36.86	ng		
89) Benzo(a)pyrene	15.62	252	1071227	38.57	ng		98
90) Dibenzo(a,h)anthracene	17.21	278	953358	40.35	ng	#	95
91) Benzo(g,h,i)perylene	17.64	276	899506	39.67	ng		94

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

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