Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090023.D
Acq On : 8 Sep 2016 14:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/9/2016 8:38:14 AM

Quant Time: Sep 08 16:11:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175511	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	704467	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	360912	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	722260	20.00	ng		0.00
75) Chrysene-d12	13.73	240	556202	20.00	ng		0.00
86) Perylene-d12	15.06	264	470703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	849338	77.46	ng		0.00
7) Phenol-d6	6.25	99	1028746	77.21	ng		0.00
23) Nitrobenzene-d5	7.18	82	930580	76.61	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	306508	86.08	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1700813	77.36	ng		0.00
78) Terphenyl-d14	12.68	244	1682161	74.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	196153	37.76	ng		97
3) Pyridine	2.66	79	473460	34.16	ng		97
4) n-Nitrosodimethylamine	2.62	42	256672	37.55	ng		99
6) Aniline	6.26	93	676219	37.20	ng		88
8) 2-Chlorophenol	6.39	128	494873	41.60	ng		97
9) Benzaldehyde	6.14	77	309372	35.99	ng		88
10) Phenol	6.26	94	569343	36.75	ng		93
11) bis(2-Chloroethyl)ether	6.34	93	480496	40.98	ng		97
12) 1,3-Dichlorobenzene	6.54	146	514171m	38.70	ng		
13) 1,4-Dichlorobenzene	6.62	146	547092	40.25	ng		98
14) 1,2-Dichlorobenzene	6.78	146	515126	42.27	ng		96
15) Benzyl Alcohol	6.75	79	329346	39.46	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	865909	38.73	ng		88
17) 2-Methylphenol	6.88	107	377881	39.78	ng		99
18) Hexachloroethane	7.12	117	182908	39.28	ng	#	86
19) n-Nitroso-di-n-propylamine	7.04	70	334366	38.51	ng		97
20) 3+4-Methylphenols	7.04	107	471690	40.96	ng	#	73
22) Acetophenone	7.03	105	654830	41.43	ng	#	92
24) Nitrobenzene	7.20	77	501237	38.81	ng	#	74
25) Isophorone	7.44	82	916873	37.12	ng		99
26) 2-Nitrophenol	7.51	139	269303	43.63	ng		98
27) 2,4-Dimethylphenol	7.56	122	447147	39.16	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	572069	38.40	ng		99
29) 2,4-Dichlorophenol	7.76	162	422565	41.28	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	459166	41.03	ng		99
31) Naphthalene	7.91	128	1271843	36.24	ng		100
32) Benzoic acid	7.71	122	345883	44.96	ng		89
33) 4-Chloroaniline	7.96	127	589450	41.63	ng		96
34) Hexachlorobutadiene	8.03	225	252030	38.43	ng		98
35) Caprolactam	8.35	113	129643	40.12	ng	#	77
36) 4-Chloro-3-methylphenol	8.46	107	432754	39.92	ng	#	82
37) 2-Methylnaphthalene	8.60	142	927069	39.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	420964	39.82	ng		99
40) Hexachlorocyclopentadiene	8.76	237	234540	43.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	295287	40.30	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	335097	47.56	ng	#	92
45) 1,1'-Biphenyl	9.07	154	1209717	41.63	ng		95
46) 2-Chloronaphthalene	9.08	162	814879	39.64	ng		98
47) 2-Nitroaniline	9.19	65	284241	42.30	ng		89
48) Acenaphthylene	9.50	152	1350706	39.74	ng		100
49) Dimethylphthalate	9.38	163	1065649	40.85	ng		97
50) 2,6-Dinitrotoluene	9.44	165	248457	42.82	ng	#	67
51) Acenaphthene	9.67	154	870489	40.42	ng		99
52) 3-Nitroaniline	9.60	138	276409	41.77	ng		91
53) 2,4-Dinitrophenol	9.70	184	139651	45.85	ng	#	85
54) Dibenzofuran	9.84	168	1131961	39.22	ng		99
55) 4-Nitrophenol	9.77	139	219650	44.01	ng	#	75
56) 2,4-Dinitrotoluene	9.83	165	299126	40.66	ng	#	80
57) Fluorene	10.18	166	932228	44.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	277003	45.92	ng		92
59) Diethylphthalate	10.07	149	937403	38.20	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	430375	43.37	ng	#	91
61) 4-Nitroaniline	10.22	138	289708	44.56	ng		97
62) Azobenzene	10.34	77	954181	38.93	ng		83
64) 4,6-Dinitro-2-methylphenol	10.24	198	202864	43.87	ng	#	74
65) n-Nitrosodiphenylamine	10.30	169	832189	38.33	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	302775	41.64	ng		98
67) Hexachlorobenzene	10.72	284	318544	38.35	ng		99
68) Atrazine	10.83	200	305285	42.11	ng		96
69) Pentachlorophenol	10.91	266	206002	46.10	ng		98
70) Phenanthrene	11.13	178	1337482	37.19	ng		99
71) Anthracene	11.18	178	1497593	41.05	ng		99
72) Carbazole	11.34	167	1369281	40.03	ng		99
73) Di-n-butylphthalate	11.69	149	1607002	40.31	ng	#	98
74) Fluoranthene	12.31	202	1541920	40.91	ng		98
76) Benzidine	12.44	184	896584	42.55	ng		96
77) Pyrene	12.54	202	1548290	39.48	ng		99
79) Butylbenzylphthalate	13.16	149	631008	39.90	ng		99
80) Benzo(a)anthracene	13.71	228	1303925	38.28	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	557604	45.35	ng	#	96
82) Chrysene	13.75	228	1209203	38.00	ng		100
83) Bis(2-ethylhexyl)phthalate	13.74	149	850453	38.88	ng		100
84) Di-n-octyl phthalate	14.34	149	1447884	41.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.27	276	942986	40.08	ng		99
87) Benzo(b)fluoranthene	14.71	252	1325692m	44.96	ng		
88) Benzo(k)fluoranthene	14.73	252	859955m	34.37	ng		
89) Benzo(a)pyrene	15.01	252	983658	38.94	ng	#	96
90) Dibenzo(a,h)anthracene	16.30	278	766077	41.38	ng		98
91) Benzo(g,h,i)perylene	16.64	276	784408	42.10	ng		97

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

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