Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089162.D
Acq On : 21 Jul 2016 6:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/22/2016 6:21:08 PM

Quant Time: Jul 21 07:45:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47783	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	204077	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	98145	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	180393	20.00	ng		0.00
75) Chrysene-d12	13.73	240	135705	20.00	ng		0.00
86) Perylene-d12	15.06	264	102116	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	246505	78.46	ng		0.00
7) Phenol-d6	6.26	99	314545	77.64	ng		-0.01
23) Nitrobenzene-d5	7.18	82	297062	77.34	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	70017	79.24	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	566811	79.57	ng		0.00
78) Terphenyl-d14	12.69	244	470645	75.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	51512	37.76	ng		94
3) Pyridine	2.67	79	137072	39.55	ng		97
4) n-Nitrosodimethylamine	2.64	42	55627	38.13	ng		97
6) Aniline	6.26	93	202528	37.00	ng		99
8) 2-Chlorophenol	6.39	128	140773	40.38	ng		90
9) Benzaldehyde	6.15	77	81722	37.81	ng		97
10) Phenol	6.27	94	187628	40.20	ng	#	72
11) bis(2-Chloroethyl)ether	6.35	93	143558	40.95	ng		97
12) 1,3-Dichlorobenzene	6.54	146	147448	38.30	ng		97
13) 1,4-Dichlorobenzene	6.62	146	157857	40.71	ng		98
14) 1,2-Dichlorobenzene	6.78	146	142061	38.86	ng		97
15) Benzyl Alcohol	6.76	79	110738	37.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	152446	38.17	ng	#	71
17) 2-Methylphenol	6.88	107	104239	37.96	ng		97
18) Hexachloroethane	7.11	117	57133	39.20	ng		94
19) n-Nitroso-di-n-propylamine	7.03	70	99758	37.64	ng	#	87
20) 3+4-Methylphenols	7.04	107	142422	38.20	ng	#	87
22) Acetophenone	7.03	105	209249	38.40	ng	#	97
24) Nitrobenzene	7.20	77	155291	38.34	ng		98
25) Isophorone	7.44	82	268292	37.90	ng		98
26) 2-Nitrophenol	7.51	139	71719	37.96	ng		97
27) 2,4-Dimethylphenol	7.56	122	120617	37.89	ng		96
28) bis(2-Chloroethoxy)methane	7.66	93	177678	40.13	ng		100
29) 2,4-Dichlorophenol	7.76	162	113384	39.53	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	120411	37.92	ng	#	94
31) Naphthalene	7.91	128	419876	38.12	ng		100
32) Benzoic acid	7.71	122	82586	33.74	ng		92
33) 4-Chloroaniline	7.96	127	176268	38.06	ng	#	88
34) Hexachlorobutadiene	8.03	225	69327	39.23	ng		99
35) Caprolactam	8.35	113	34857	39.13	ng	#	86
36) 4-Chloro-3-methylphenol	8.47	107	136895	39.61	ng		93
37) 2-Methylnaphthalene	8.60	142	257687	36.68	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	135627	37.18	ng		98
40) Hexachlorocyclopentadiene	8.75	237	37605	35.99	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	73850	36.17	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	82151	40.08	ng	#	82
45) 1,1'-Biphenyl	9.06	154	328548	37.17	ng		99
46) 2-Chloronaphthalene	9.08	162	260399	38.77	ng		98
47) 2-Nitroaniline	9.19	65	85185	36.97	ng		98
48) Acenaphthylene	9.50	152	423085	40.07	ng		100
49) Dimethylphthalate	9.37	163	273463	36.31	ng		98
50) 2,6-Dinitrotoluene	9.44	165	62570	36.80	ng		91
51) Acenaphthene	9.67	154	247533	39.63	ng		100
52) 3-Nitroaniline	9.60	138	74045	36.67	ng	#	69
53) 2,4-Dinitrophenol	9.71	184	22574	31.79	ng		97
54) Dibenzofuran	9.84	168	336746	39.90	ng		97
55) 4-Nitrophenol	9.79	139	40445	33.10	ng		96
56) 2,4-Dinitrotoluene	9.84	165	86489	39.49	ng	#	82
57) Fluorene	10.18	166	276834	38.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61702	41.92	ng		95
59) Diethylphthalate	10.07	149	291368	39.02	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	113578	34.73	ng	#	67
61) 4-Nitroaniline	10.22	138	77940	39.67	ng		98
62) Azobenzene	10.33	77	303094	37.34	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	39058	37.19	ng		99
65) n-Nitrosodiphenylamine	10.30	169	247626	41.07	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	74446	41.70	ng	#	87
67) Hexachlorobenzene	10.72	284	73412	38.23	ng	#	64
68) Atrazine	10.83	200	73560	39.02	ng		93
69) Pentachlorophenol	10.93	266	32567	36.77	ng		97
70) Phenanthrene	11.13	178	414296	41.87	ng		100
71) Anthracene	11.18	178	401259	39.01	ng		99
72) Carbazole	11.34	167	358986	39.73	ng		99
73) Di-n-butylphthalate	11.68	149	439118	39.30	ng		99
74) Fluoranthene	12.31	202	437098	42.02	ng		96
76) Benzidine	12.45	184	165162	35.40	ng		100
77) Pyrene	12.54	202	445806	39.78	ng		98
79) Butylbenzylphthalate	13.17	149	194357	41.00	ng		88
80) Benzo(a)anthracene	13.71	228	329762	38.15	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	109803	38.30	ng	#	96
82) Chrysene	13.75	228	277660	33.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	244684	38.91	ng	#	98
84) Di-n-octyl phthalate	14.33	149	385130	37.12	ng		99
85) Indeno(1,2,3-cd)pyrene	16.30	276	227156	37.88	ng		99
87) Benzo(b)fluoranthene	14.71	252	263882m	35.68	ng		
88) Benzo(k)fluoranthene	14.73	252	238905m	45.17	ng		
89) Benzo(a)pyrene	15.02	252	233424	40.65	ng	#	96
90) Dibenzo(a,h)anthracene	16.31	278	194826	42.97	ng		97
91) Benzo(g,h,i)perylene	16.66	276	194968	42.65	ng		99

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

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