Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
Data File : BF088216.D
Acq On : 21 Jun 2016 16:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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6/22/2016 6:07:34 PM

Quant Time: Jun 22 01:33:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	82613	20.00	ng		-0.02
21) Naphthalene-d8	7.94	136	332344	20.00	ng		-0.01
38) Acenaphthene-d10	9.69	164	157836	20.00	ng		-0.01
63) Phenanthrene-d10	11.16	188	278860	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	185574	20.00	ng		-0.01
86) Perylene-d12	15.17	264	150792	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	389565	80.61	ng		-0.01
7) Phenol-d6	6.31	99	420987	71.88	ng		-0.02
23) Nitrobenzene-d5	7.23	82	439376	77.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.48	330	101893	61.14	ng		-0.01
44) 2-Fluorobiphenyl	9.02	172	719015	70.63	ng		-0.02
78) Terphenyl-d14	12.75	244	724672	88.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	99508	42.38	ng	#	44
3) Pyridine	2.76	79	217304	39.19	ng		91
4) n-Nitrosodimethylamine	2.72	42	85765	36.53	ng		81
6) Aniline	6.32	93	291468	34.97	ng	#	63
8) 2-Chlorophenol	6.44	128	223167	39.02	ng		84
9) Benzaldehyde	6.20	77	136428	36.07	ng		95
10) Phenol	6.32	94	236186	38.71	ng	#	16
11) bis(2-Chloroethyl)ether	6.40	93	212284	41.34	ng		88
12) 1,3-Dichlorobenzene	6.59	146	241427	39.34	ng		96
13) 1,4-Dichlorobenzene	6.67	146	241823	39.12	ng		97
14) 1,2-Dichlorobenzene	6.82	146	217179m	38.63	ng		
15) Benzyl Alcohol	6.81	79	153509	33.50	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	240925	34.73	ng		83
17) 2-Methylphenol	6.94	107	180060	38.82	ng		99
18) Hexachloroethane	7.16	117	87008	39.66	ng		98
19) n-Nitroso-di-n-propylamine	7.08	70	146801	39.18	ng	#	83
20) 3+4-Methylphenols	7.10	107	228110	42.15	ng	#	72
22) Acetophenone	7.07	105	280593	37.78	ng	#	97
24) Nitrobenzene	7.24	77	210544	38.19	ng		90
25) Isophorone	7.48	82	380672	36.11	ng		98
26) 2-Nitrophenol	7.56	139	128501	43.51	ng	#	80
27) 2,4-Dimethylphenol	7.61	122	186948	34.38	ng		93
28) bis(2-Chloroethoxy)methane	7.70	93	251707	38.50	ng	#	96
29) 2,4-Dichlorophenol	7.82	162	176357	38.85	ng		90
30) 1,2,4-Trichlorobenzene	7.88	180	186983	37.82	ng		100
31) Naphthalene	7.96	128	655617	39.86	ng		99
32) Benzoic acid	7.76	122	103231	34.48	ng		94
33) 4-Chloroaniline	8.02	127	280811	38.24	ng		95
34) Hexachlorobutadiene	8.08	225	96058	36.85	ng		99
35) Caprolactam	8.40	113	64184m	42.68	ng		
36) 4-Chloro-3-methylphenol	8.51	107	179458	36.96	ng		96
37) 2-Methylnaphthalene	8.65	142	391605m	36.13	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	187106	45.83	ng	#	1
40) Hexachlorocyclopentadiene	8.81	237	81952	32.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	111332	35.27	ng		97
43) 2,4,5-Trichlorophenol	8.98	196	122006	37.15	ng	#	89
45) 1,1'-Biphenyl	9.12	154	517006	43.42	ng		98
46) 2-Chloronaphthalene	9.14	162	400275	39.19	ng		97
47) 2-Nitroaniline	9.24	65	110002	36.51	ng		86
48) Acenaphthylene	9.55	152	599052	36.87	ng		99
49) Dimethylphthalate	9.43	163	429823	37.59	ng		100
50) 2,6-Dinitrotoluene	9.50	165	100468	38.37	ng	#	83
51) Acenaphthene	9.72	154	364470	35.96	ng		99
52) 3-Nitroaniline	9.66	138	103627	34.30	ng		98
53) 2,4-Dinitrophenol	9.77	184	63047	49.24	ng		95
54) Dibenzofuran	9.90	168	473899	33.95	ng	#	89
55) 4-Nitrophenol	9.85	139	94374	40.24	ng	#	71
56) 2,4-Dinitrotoluene	9.90	165	124811	37.09	ng	#	67
57) Fluorene	10.24	166	418603	44.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	95382	36.96	ng	#	58
59) Diethylphthalate	10.12	149	432908	37.41	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	164004	35.33	ng		89
61) 4-Nitroaniline	10.27	138	107810	37.62	ng		98
62) Azobenzene	10.39	77	417304	36.46	ng		94
64) 4,6-Dinitro-2-methylphenol	10.31	198	63770	37.14	ng	#	64
65) n-Nitrosodiphenylamine	10.35	169	350182	37.84	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	119314	39.88	ng		94
67) Hexachlorobenzene	10.79	284	118493	38.12	ng	#	70
68) Atrazine	10.89	200	113166	40.39	ng		97
69) Pentachlorophenol	10.98	266	73902	45.10	ng		97
70) Phenanthrene	11.19	178	592669	40.50	ng		99
71) Anthracene	11.24	178	585892	39.69	ng		99
72) Carbazole	11.40	167	552250	39.98	ng		99
73) Di-n-butylphthalate	11.74	149	642533	36.75	ng		100
74) Fluoranthene	12.38	202	604796	39.16	ng		97
76) Benzidine	12.50	184	220454	42.90	ng		98
77) Pyrene	12.61	202	602581	43.76	ng		99
79) Butylbenzylphthalate	13.22	149	264395	43.43	ng	#	85
80) Benzo(a)anthracene	13.78	228	415118	39.25	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	127838	44.95	ng	#	95
82) Chrysene	13.83	228	430242	43.24	ng		97
83) Bis(2-ethylhexyl)phthalate	13.78	149	325236	43.88	ng		97
84) Di-n-octyl phthalate	14.40	149	522123	43.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	389003	42.08	ng	#	100
87) Benzo(b)fluoranthene	14.79	252	340154m	32.36	ng		
88) Benzo(k)fluoranthene	14.82	252	368585m	46.49	ng		
89) Benzo(a)pyrene	15.12	252	348122	40.94	ng	#	94
90) Dibenzo(a,h)anthracene	16.46	278	324103	41.04	ng		98
91) Benzo(g,h,i)perylene	16.83	276	347134	42.73	ng		99

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

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