Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088170.D
Acq On : 19 Jun 2016 9:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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6/20/2016 6:57:31 PM

Quant Time: Jun 20 07:11:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	103267	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	397130	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	153776	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	241354	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	171389	20.00	ng		-0.02
86) Perylene-d12	15.21	264	150229	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	451150	74.69	ng		0.00
7) Phenol-d6	6.35	99	530530	72.47	ng		0.00
23) Nitrobenzene-d5	7.26	82	506396	74.46	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	96952	59.71	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	789994	80.40	ng		-0.02
78) Terphenyl-d14	12.79	244	647240	85.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	121644	41.44	ng	#	40
3) Pyridine	2.84	79	264001	38.09	ng		93
4) n-Nitrosodimethylamine	2.80	42	106448	36.27	ng		85
6) Aniline	6.35	93	340071	32.64	ng	#	76
8) 2-Chlorophenol	6.48	128	283740	39.68	ng		86
9) Benzaldehyde	6.23	77	159595	32.25	ng		90
10) Phenol	6.36	94	350575	46.46	ng		98
11) bis(2-Chloroethyl)ether	6.43	93	261807	40.78	ng		86
12) 1,3-Dichlorobenzene	6.63	146	306540	39.96	ng		96
13) 1,4-Dichlorobenzene	6.71	146	313923	40.62	ng		97
14) 1,2-Dichlorobenzene	6.86	146	260296m	37.04	ng		
15) Benzyl Alcohol	6.84	79	181705	31.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	292615	33.74	ng		72
17) 2-Methylphenol	6.97	107	213688	36.85	ng		96
18) Hexachloroethane	7.20	117	94431	34.44	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	177461	37.89	ng	#	83
20) 3+4-Methylphenols	7.13	107	273567	40.44	ng	#	72
22) Acetophenone	7.11	105	351970	39.66	ng	#	98
24) Nitrobenzene	7.28	77	251173	38.13	ng		92
25) Isophorone	7.52	82	453221	35.98	ng		100
26) 2-Nitrophenol	7.60	139	120940	34.27	ng	#	74
27) 2,4-Dimethylphenol	7.64	122	207299	31.90	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	318211	40.73	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	201847	37.21	ng		91
30) 1,2,4-Trichlorobenzene	7.92	180	223947	37.91	ng		100
31) Naphthalene	8.00	128	748350	38.08	ng		99
32) Benzoic acid	7.78	122	93797	26.22	ng		93
33) 4-Chloroaniline	8.06	127	313770	35.75	ng		95
34) Hexachlorobutadiene	8.11	225	112261	36.04	ng		99
35) Caprolactam	8.43	113	59272	32.99	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	185150	31.91	ng		94
37) 2-Methylnaphthalene	8.68	142	430087m	33.20	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	197418	52.10	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	12549	5.06	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	115167	37.45	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	119301	37.29	ng	#	86
45) 1,1'-Biphenyl	9.15	154	552915	48.37	ng		97
46) 2-Chloronaphthalene	9.18	162	413245	41.53	ng		97
47) 2-Nitroaniline	9.28	65	111656	38.04	ng	#	84
48) Acenaphthylene	9.59	152	619662	39.15	ng		99
49) Dimethylphthalate	9.46	163	499411	44.83	ng		99
50) 2,6-Dinitrotoluene	9.52	165	90424	35.45	ng	#	70
51) Acenaphthene	9.76	154	364082	36.87	ng		100
52) 3-Nitroaniline	9.69	138	111448	37.86	ng		91
53) 2,4-Dinitrophenol	9.80	184	10772	12.21	ng	#	86
54) Dibenzofuran	9.93	168	519837	38.23	ng		94
55) 4-Nitrophenol	9.87	139	85583	37.46	ng		91
56) 2,4-Dinitrotoluene	9.92	165	96136	29.32	ng	#	46
57) Fluorene	10.27	166	396458	42.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	91556	36.41	ng	#	58
59) Diethylphthalate	10.16	149	463954	41.15	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	161309	35.67	ng		94
61) 4-Nitroaniline	10.31	138	110757	39.67	ng		83
62) Azobenzene	10.42	77	403861	36.22	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	15043	11.70	ng		90
65) n-Nitrosodiphenylamine	10.39	169	355864	44.44	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	112621	43.49	ng		98
67) Hexachlorobenzene	10.81	284	104650	38.90	ng		90
68) Atrazine	10.91	200	59906	24.70	ng		91
69) Pentachlorophenol	11.02	266	62978	44.41	ng		97
70) Phenanthrene	11.22	178	503399	39.75	ng		100
71) Anthracene	11.28	178	536263	41.98	ng		99
72) Carbazole	11.44	167	513184	42.93	ng		99
73) Di-n-butylphthalate	11.77	149	628835	41.55	ng		99
74) Fluoranthene	12.41	202	542758	40.61	ng		97
76) Benzidine	12.54	184	210043	44.26	ng		98
77) Pyrene	12.64	202	534977	42.06	ng		99
79) Butylbenzylphthalate	13.26	149	256928	45.69	ng	#	78
80) Benzo(a)anthracene	13.82	228	414224	42.41	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	135073	51.43	ng		99
82) Chrysene	13.86	228	436488	47.50	ng		97
83) Bis(2-ethylhexyl)phthalate	13.82	149	336185	49.12	ng	#	97
84) Di-n-octyl phthalate	14.43	149	628150	56.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	338924	39.70	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	409119m	39.07	ng		
88) Benzo(k)fluoranthene	14.86	252	325581m	41.22	ng		
89) Benzo(a)pyrene	15.15	252	342949	40.48	ng		99
90) Dibenzo(a,h)anthracene	16.53	278	288631	36.68	ng		97
91) Benzo(g,h,i)perylene	16.90	276	289334	35.75	ng		100

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

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