Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
Data File : BF088437.D
Acq On : 27 Jun 2016 5:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/27/2016 8:02:44 PM

Quant Time: Jun 27 09:05:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 09:02:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	121119	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	458582	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	203346	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	342141	20.00	ng		0.00
75) Chrysene-d12	13.69	240	223626	20.00	ng		0.00
86) Perylene-d12	15.04	264	221240	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	544552	76.86	ng		0.00
7) Phenol-d6	6.24	99	630334	73.41	ng		0.01
23) Nitrobenzene-d5	7.14	82	623786	79.43	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	132097	61.52	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1072555	82.71	ng		0.00
78) Terphenyl-d14	12.64	244	707621	72.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	125130	36.35	ng	#	42
3) Pyridine	2.56	79	321192	39.51	ng		93
4) n-Nitrosodimethylamine	2.55	42	108952	31.65	ng		81
6) Aniline	6.23	93	395179	32.34	ng	#	83
8) 2-Chlorophenol	6.34	128	316756	37.77	ng		93
9) Benzaldehyde	6.10	77	200969	36.38	ng		99
10) Phenol	6.25	94	393504	44.35	ng		97
11) bis(2-Chloroethyl)ether	6.31	93	324004	43.03	ng	#	83
12) 1,3-Dichlorobenzene	6.49	146	352882	39.22	ng		95
13) 1,4-Dichlorobenzene	6.57	146	363131	40.06	ng		98
14) 1,2-Dichlorobenzene	6.72	146	284149m	34.47	ng		
15) Benzyl Alcohol	6.73	79	234669	34.93	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	279019	27.43	ng	#	14
17) 2-Methylphenol	6.86	107	237068	34.86	ng		94
18) Hexachloroethane	7.06	117	119579	37.18	ng		91
19) n-Nitroso-di-n-propylamine	6.99	70	197143	35.89	ng		89
20) 3+4-Methylphenols	7.02	107	318977	40.20	ng	#	75
22) Acetophenone	6.98	105	429152	41.88	ng	#	96
24) Nitrobenzene	7.15	77	281806	37.05	ng		90
25) Isophorone	7.40	82	569715	39.17	ng		96
26) 2-Nitrophenol	7.47	139	176647	43.35	ng	#	73
27) 2,4-Dimethylphenol	7.53	122	273117	36.40	ng		94
28) bis(2-Chloroethoxy)methane	7.61	93	343122	38.03	ng	#	97
29) 2,4-Dichlorophenol	7.72	162	247048	39.44	ng		94
30) 1,2,4-Trichlorobenzene	7.78	180	263358	38.61	ng		98
31) Naphthalene	7.86	128	814223	35.88	ng		100
32) Benzoic acid	7.72	122	146343	35.42	ng		97
33) 4-Chloroaniline	7.94	127	378200	37.32	ng	#	94
34) Hexachlorobutadiene	7.98	225	130523	36.28	ng		98
35) Caprolactam	8.33	113	79372m	38.25	ng		
36) 4-Chloro-3-methylphenol	8.43	107	255141	38.08	ng		96
37) 2-Methylnaphthalene	8.55	142	546743	36.55	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	222552	40.73	ng	#	1
40) Hexachlorocyclopentadiene	8.71	237	41305	12.59	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	148813	36.60	ng		97
43) 2,4,5-Trichlorophenol	8.90	196	149967	35.45	ng		99
45) 1,1'-Biphenyl	9.02	154	612722	39.37	ng		98
46) 2-Chloronaphthalene	9.04	162	492904	37.46	ng		99
47) 2-Nitroaniline	9.15	65	148108	38.16	ng	#	84
48) Acenaphthylene	9.45	152	815580	38.97	ng		99
49) Dimethylphthalate	9.34	163	627728	42.62	ng		99
50) 2,6-Dinitrotoluene	9.40	165	144396	42.80	ng		89
51) Acenaphthene	9.62	154	473821	36.29	ng		98
52) 3-Nitroaniline	9.58	138	151336	38.88	ng	#	73
53) 2,4-Dinitrophenol	9.69	184	56955	36.72	ng	#	84
54) Dibenzofuran	9.79	168	696316	38.72	ng	#	88
55) 4-Nitrophenol	9.78	139	134061m	44.37	ng		
56) 2,4-Dinitrotoluene	9.80	165	163810	37.79	ng	#	71
57) Fluorene	10.14	166	524801	42.97	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.92	232	121235	36.46	ng	#	60
59) Diethylphthalate	10.02	149	592339	39.73	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	201721	33.73	ng		91
61) 4-Nitroaniline	10.19	138	149316	40.44	ng		97
62) Azobenzene	10.28	77	460522m	31.23	ng		
64) 4,6-Dinitro-2-methylphenol	10.22	198	67015	32.12	ng		89
65) n-Nitrosodiphenylamine	10.25	169	460647	40.58	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	151801	41.36	ng		95
67) Hexachlorobenzene	10.67	284	142084	37.26	ng		96
68) Atrazine	10.79	200	121818	35.43	ng		91
69) Pentachlorophenol	10.88	266	86276	42.92	ng		97
70) Phenanthrene	11.08	178	654531	36.46	ng		99
71) Anthracene	11.14	178	774237	42.75	ng		98
72) Carbazole	11.30	167	667881	39.41	ng		100
73) Di-n-butylphthalate	11.63	149	836055	38.97	ng		99
74) Fluoranthene	12.26	202	619283	32.69	ng		100
76) Benzidine	12.40	184	263347	42.53	ng		98
77) Pyrene	12.49	202	649940	39.17	ng		99
79) Butylbenzylphthalate	13.12	149	342922	46.74	ng		97
80) Benzo(a)anthracene	13.67	228	467747	36.70	ng		99
81) 3,3'-Dichlorobenzidine	13.65	252	164537	48.01	ng	#	97
82) Chrysene	13.71	228	524797	43.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	398135	44.58	ng	#	98
84) Di-n-octyl phthalate	14.29	149	717409	49.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	458985	41.21	ng	#	100
87) Benzo(b)fluoranthene	14.67	252	483437m	31.35	ng		
88) Benzo(k)fluoranthene	14.71	252	523256m	44.98	ng		
89) Benzo(a)pyrene	14.98	252	489754	39.26	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	395390	34.12	ng		96
91) Benzo(g,h,i)perylene	16.63	276	383788	32.20	ng		99

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

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