Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
Data File : BF088806.D
Acq On : 8 Jul 2016 4:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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Quant Time: Jul 08 06:58:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	84833	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	339088	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	132129	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	202557	20.00	ng		0.00
75) Chrysene-d12	13.89	240	160209	20.00	ng		0.00
86) Perylene-d12	15.27	264	141409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	427489	75.52	ng		0.00
7) Phenol-d6	6.39	99	522571	71.45	ng		0.00
23) Nitrobenzene-d5	7.31	82	470141	72.66	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	95246	77.63	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	725940	86.78	ng		0.00
78) Terphenyl-d14	12.85	244	561054	78.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	96909	34.53	ng	#	37
3) Pyridine	2.91	79	273496	33.59	ng		95
4) n-Nitrosodimethylamine	2.88	42	105555	33.93	ng		91
6) Aniline	6.41	93	390425	36.63	ng		97
8) 2-Chlorophenol	6.52	128	228224	37.51	ng		96
9) Benzaldehyde	6.28	77	161393	32.58	ng		87
10) Phenol	6.40	94	268549	32.17	ng	#	45
11) bis(2-Chloroethyl)ether	6.49	93	243274	39.08	ng	#	81
12) 1,3-Dichlorobenzene	6.68	146	273125	40.80	ng		99
13) 1,4-Dichlorobenzene	6.76	146	279340	42.04	ng		100
14) 1,2-Dichlorobenzene	6.91	146	226322m	36.39	ng		
15) Benzyl Alcohol	6.89	79	191313	35.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	281061	31.18	ng		89
17) 2-Methylphenol	7.02	107	195727	39.44	ng		98
18) Hexachloroethane	7.26	117	79555	30.95	ng	#	83
19) n-Nitroso-di-n-propylamine	7.18	70	176927	36.01	ng	#	79
20) 3+4-Methylphenols	7.16	107	209480	35.17	ng	#	77
22) Acetophenone	7.16	105	349444	42.46	ng	#	92
24) Nitrobenzene	7.34	77	276522	42.39	ng		94
25) Isophorone	7.58	82	457656	38.18	ng		98
26) 2-Nitrophenol	7.64	139	94362	35.27	ng		94
27) 2,4-Dimethylphenol	7.69	122	182287	32.71	ng		87
28) bis(2-Chloroethoxy)methane	7.79	93	296001	37.95	ng		97
29) 2,4-Dichlorophenol	7.90	162	175686	39.01	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	209303	42.35	ng		99
31) Naphthalene	8.06	128	705179	42.18	ng		99
32) Benzoic acid	7.80	122	98881m	24.44	ng		
33) 4-Chloroaniline	8.10	127	273255	36.74	ng		97
34) Hexachlorobutadiene	8.17	225	106761	40.35	ng		97
35) Caprolactam	8.48	113	51004	33.35	ng		89
36) 4-Chloro-3-methylphenol	8.59	107	210615	39.55	ng		95
37) 2-Methylnaphthalene	8.74	142	395178	36.71	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	221375	50.37	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	6914	3.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	116856	40.33	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	97691	39.19	ng	#	83
45) 1,1'-Biphenyl	9.21	154	524190	47.91	ng		97
46) 2-Chloronaphthalene	9.23	162	390753	45.49	ng		100
47) 2-Nitroaniline	9.32	65	108446	35.58	ng		97
48) Acenaphthylene	9.64	152	586907	42.94	ng		99
49) Dimethylphthalate	9.52	163	433636	46.07	ng		98
50) 2,6-Dinitrotoluene	9.58	165	89949	43.11	ng		97
51) Acenaphthene	9.82	154	318933	38.07	ng		98
52) 3-Nitroaniline	9.74	138	93749	35.35	ng		89
53) 2,4-Dinitrophenol	9.84	184	2310	2.51	ng	#	79
54) Dibenzofuran	9.99	168	462067	42.14	ng	#	91
55) 4-Nitrophenol	9.90	139	56161	27.87	ng		85
56) 2,4-Dinitrotoluene	9.98	165	107186	39.29	ng	#	91
57) Fluorene	10.33	166	364796	43.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	64704	33.55	ng	#	49
59) Diethylphthalate	10.20	149	406736	43.05	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	147824	37.65	ng	#	84
61) 4-Nitroaniline	10.34	138	89694	35.14	ng		78
62) Azobenzene	10.48	77	382105	35.46	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	6113	5.64	ng		93
65) n-Nitrosodiphenylamine	10.44	169	329222	48.02	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	93988	46.04	ng	#	86
67) Hexachlorobenzene	10.88	284	101355	44.86	ng	#	77
68) Atrazine	10.97	200	82673	38.70	ng		93
69) Pentachlorophenol	11.07	266	41627	31.13	ng		99
70) Phenanthrene	11.28	178	412163	37.22	ng		99
71) Anthracene	11.34	178	474553	43.10	ng		99
72) Carbazole	11.50	167	396370	38.25	ng		97
73) Di-n-butylphthalate	11.83	149	488425	40.52	ng		99
74) Fluoranthene	12.47	202	485818	43.28	ng		96
76) Benzidine	12.59	184	316800	39.12	ng		99
77) Pyrene	12.70	202	511080	37.62	ng		99
79) Butylbenzylphthalate	13.33	149	223489	36.88	ng		99
80) Benzo(a)anthracene	13.87	228	409825	39.73	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	164358	42.38	ng		98
82) Chrysene	13.92	228	413537	40.52	ng		97
83) Bis(2-ethylhexyl)phthalate	13.89	149	302979	43.80	ng		99
84) Di-n-octyl phthalate	14.49	149	544061	46.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	283776	36.14	ng	#	100
87) Benzo(b)fluoranthene	14.89	252	405380m	45.70	ng		
88) Benzo(k)fluoranthene	14.91	252	283323m	36.69	ng		
89) Benzo(a)pyrene	15.22	252	312014	41.54	ng	#	92
90) Dibenzo(a,h)anthracene	16.61	278	246774	39.35	ng		97
91) Benzo(g,h,i)perylene	16.98	276	235940	36.35	ng		97

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

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