Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080231.D
Acq On : 30 Jun 2015 11:49
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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7/1/2015 4:16:12 PM

Quant Time: Jul 01 10:58:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32732	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	132990	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	70138	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	150463	20.00	ng		-0.05
75) Chrysene-d12	14.92	240	152390	20.00	ng		-0.08
86) Perylene-d12	16.84	264	150909	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	148949	80.55	ng		-0.03
7) Phenol-d6	6.89	99	203273	82.61	ng		-0.03
23) Nitrobenzene-d5	7.84	82	186869	81.80	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	53449	77.93	ng		-0.03
44) 2-Fluorobiphenyl	9.66	172	352181	71.61	ng		-0.03
78) Terphenyl-d14	13.60	244	488661	74.89	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	35326m	40.19	ng		
3) Pyridine	3.96	79	90541	38.74	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	40266	36.25	ng		90
6) Aniline	6.94	93	135316	39.97	ng		90
8) 2-Chlorophenol	7.06	128	81255	38.02	ng		82
9) Benzaldehyde	6.84	77	46070	32.43	ng	#	89
10) Phenol	6.90	94	112756	41.99	ng		78
11) bis(2-Chloroethyl)ether	7.01	93	79634	37.38	ng		89
12) 1,3-Dichlorobenzene	7.22	146	97210	37.86	ng	#	90
13) 1,4-Dichlorobenzene	7.30	146	108213m	44.32	ng		
14) 1,2-Dichlorobenzene	7.46	146	93087	39.18	ng		99
15) Benzyl Alcohol	7.41	79	71463m	35.52	ng		
16) 2,2'-oxybis(1-Chloropropan	7.56	45	143244	45.30	ng		88
17) 2-Methylphenol	7.52	107	75003	41.09	ng	#	89
18) Hexachloroethane	7.81	117	33359	41.03	ng	#	87
19) n-Nitroso-di-n-propylamine	7.68	70	71374	41.78	ng	#	77
20) 3+4-Methylphenols	7.67	107	96744	41.06	ng		89
22) Acetophenone	7.68	105	112563	36.32	ng	#	75
24) Nitrobenzene	7.86	77	97351	41.29	ng	#	73
25) Isophorone	8.10	82	166245	36.16	ng	#	98
26) 2-Nitrophenol	8.18	139	45295	45.90	ng	#	69
27) 2,4-Dimethylphenol	8.21	122	86393	41.98	ng	#	85
28) bis(2-Chloroethoxy)methane	8.30	93	95349	35.30	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	77022	43.70	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	87764	43.85	ng		98
31) Naphthalene	8.60	128	255222m	36.71	ng		
32) Benzoic acid	8.28	122	48171	38.71	ng	#	61
33) 4-Chloroaniline	8.64	127	102537	34.46	ng	#	97
34) Hexachlorobutadiene	8.72	225	50852	41.26	ng		97
35) Caprolactam	8.97	113	21506	37.60	ng	#	79
36) 4-Chloro-3-methylphenol	9.11	107	79664	40.07	ng		88
37) 2-Methylnaphthalene	9.29	142	184962	41.12	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	85933	42.10	ng		99
40) Hexachlorocyclopentadiene	9.45	237	33124	35.32	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	59665	42.96	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	56173	35.11	ng	#	90
45) 1,1'-Biphenyl	9.76	154	216129	37.87	ng		95
46) 2-Chloronaphthalene	9.78	162	169090	36.52	ng	#	93
47) 2-Nitroaniline	9.88	65	47516	37.38	ng		95
48) Acenaphthylene	10.21	152	304486	39.40	ng		97
49) Dimethylphthalate	10.05	163	209736	39.77	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	39661	37.52	ng	#	89
51) Acenaphthene	10.38	154	175557	37.13	ng		90
52) 3-Nitroaniline	10.29	138	47297	38.78	ng		94
53) 2,4-Dinitrophenol	10.39	184	17841	44.27	ng	#	1
54) Dibenzofuran	10.55	168	244061	36.38	ng	#	88
55) 4-Nitrophenol	10.42	139	34457	35.34	ng	#	27
56) 2,4-Dinitrotoluene	10.52	165	55535	41.40	ng	#	70
57) Fluorene	10.90	166	207346	38.95	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.66	232	47131	34.89	ng		96
59) Diethylphthalate	10.76	149	194776	36.68	ng		95
60) 4-Chlorophenyl-phenylether	10.88	204	91487	35.76	ng	#	83
61) 4-Nitroaniline	10.89	138	46840	37.18	ng	#	45
62) Azobenzene	11.04	77	189656	35.09	ng		85
64) 4,6-Dinitro-2-methylphenol	10.94	198	25138	36.62	ng	#	60
65) n-Nitrosodiphenylamine	11.00	169	172729	35.25	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	60877	38.05	ng		95
67) Hexachlorobenzene	11.46	284	65790	37.00	ng	#	87
68) Atrazine	11.52	200	53533	34.58	ng		85
69) Pentachlorophenol	11.66	266	31583	31.35	ng		98
70) Phenanthrene	11.89	178	323865	35.55	ng		97
71) Anthracene	11.94	178	316730	36.11	ng		98
72) Carbazole	12.09	167	286113	34.17	ng		96
73) Di-n-butylphthalate	12.44	149	338253	34.96	ng	#	99
74) Fluoranthene	13.18	202	347509	35.82	ng		92
76) Benzidine	13.30	184	149058	34.99	ng		98
77) Pyrene	13.44	202	355283	37.87	ng		97
79) Butylbenzylphthalate	14.17	149	138193	36.68	ng	#	97
80) Benzo(a)anthracene	14.91	228	335299	36.12	ng		98
81) 3,3'-Dichlorobenzidine	14.85	252	115335	36.02	ng	#	96
82) Chrysene	14.95	228	315254	36.83	ng		95
83) Bis(2-ethylhexyl)phthalate	14.89	149	206992	34.76	ng	#	92
84) Di-n-octyl phthalate	15.74	149	340074	33.33	ng		95
85) Indeno(1,2,3-cd)pyrene	18.68	276	390845	36.20	ng	#	89
87) Benzo(b)fluoranthene	16.30	252	340737	37.29	ng	#	88
88) Benzo(k)fluoranthene	16.35	252	319530	34.34	ng	#	86
89) Benzo(a)pyrene	16.76	252	311388	35.89	ng	#	89
90) Dibenzo(a,h)anthracene	18.70	278	317007	35.69	ng	#	82
91) Benzo(g,h,i)perylene	19.23	276	320564	35.75	ng	#	78

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

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