Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
Data File : BF080270.D
Acq On : 1 Jul 2015 11:14
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/1/2015 4:18:33 PM

Quant Time: Jul 01 14:15:50 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	35679	20.00	ng		-0.05
21) Naphthalene-d8	8.57	136	139864	20.00	ng		-0.05
38) Acenaphthene-d10	10.34	164	71961	20.00	ng		-0.05
63) Phenanthrene-d10	11.86	188	146287	20.00	ng		-0.05
75) Chrysene-d12	14.94	240	170885	20.00	ng		-0.06
86) Perylene-d12	16.88	264	169492	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	157608	78.20	ng		-0.05
7) Phenol-d6	6.89	99	216139	80.58	ng		-0.03
23) Nitrobenzene-d5	7.84	82	200326	83.38	ng		-0.03
41) 2,4,6-Tribromophenol	11.14	330	51355	72.98	ng		-0.03
44) 2-Fluorobiphenyl	9.65	172	350364	69.43	ng		-0.05
78) Terphenyl-d14	13.60	244	479846	65.58	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	34638m	36.16	ng		
3) Pyridine	3.94	79	106168	41.67	ng	#	85
4) n-Nitrosodimethylamine	3.85	42	47309	39.07	ng		99
6) Aniline	6.94	93	150884	40.89	ng		93
8) 2-Chlorophenol	7.06	128	87548	37.58	ng		86
9) Benzaldehyde	6.84	77	49590	32.03	ng	#	90
10) Phenol	6.90	94	121446	41.49	ng		82
11) bis(2-Chloroethyl)ether	7.01	93	81861	35.25	ng		87
12) 1,3-Dichlorobenzene	7.22	146	102218m	36.53	ng		
13) 1,4-Dichlorobenzene	7.30	146	113337	42.58	ng		96
14) 1,2-Dichlorobenzene	7.46	146	97205	37.53	ng		98
15) Benzyl Alcohol	7.41	79	77529	35.35	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	152646	44.28	ng		86
17) 2-Methylphenol	7.52	107	76566	38.48	ng	#	89
18) Hexachloroethane	7.81	117	35422	39.97	ng	#	83
19) n-Nitroso-di-n-propylamine	7.68	70	70632	37.93	ng	#	77
20) 3+4-Methylphenols	7.67	107	102112	39.76	ng		90
22) Acetophenone	7.68	105	121355	37.23	ng	#	80
24) Nitrobenzene	7.86	77	100116	40.37	ng	#	75
25) Isophorone	8.09	82	171440	35.46	ng	#	83
26) 2-Nitrophenol	8.18	139	44063	42.45	ng	#	72
27) 2,4-Dimethylphenol	8.21	122	88702	40.98	ng	#	84
28) bis(2-Chloroethoxy)methane	8.30	93	103941	36.59	ng	#	91
29) 2,4-Dichlorophenol	8.42	162	80081	43.21	ng		100
30) 1,2,4-Trichlorobenzene	8.52	180	93534	44.44	ng		99
31) Naphthalene	8.60	128	270170m	36.95	ng		
32) Benzoic acid	8.26	122	29161	22.28	ng	#	60
33) 4-Chloroaniline	8.64	127	105591	33.74	ng	#	98
34) Hexachlorobutadiene	8.72	225	50510	38.97	ng		99
35) Caprolactam	8.97	113	20764	34.51	ng	#	70
36) 4-Chloro-3-methylphenol	9.11	107	76704	36.69	ng		91
37) 2-Methylnaphthalene	9.29	142	194888	41.20	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	86442	41.28	ng	#	97
40) Hexachlorocyclopentadiene	9.45	237	13306	17.63	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	59008	41.41	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	55297	33.68	ng	#	87
45) 1,1'-Biphenyl	9.76	154	211539	36.13	ng		96
46) 2-Chloronaphthalene	9.78	162	177682	37.40	ng		93
47) 2-Nitroaniline	9.88	65	47718	36.59	ng		97
48) Acenaphthylene	10.21	152	313760	39.57	ng		98
49) Dimethylphthalate	10.05	163	200202	37.01	ng	#	96
50) 2,6-Dinitrotoluene	10.10	165	37379	34.46	ng	#	28
51) Acenaphthene	10.38	154	169036	34.85	ng		88
52) 3-Nitroaniline	10.29	138	47288	37.79	ng	#	97
53) 2,4-Dinitrophenol	10.39	184	2590	11.27	ng	#	1
54) Dibenzofuran	10.55	168	242882	35.29	ng	#	89
55) 4-Nitrophenol	10.42	139	32317	32.31	ng	#	27
56) 2,4-Dinitrotoluene	10.52	165	55415	40.26	ng	#	75
57) Fluorene	10.90	166	203704	37.30	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.66	232	45243	32.65	ng		97
59) Diethylphthalate	10.74	149	194358	35.68	ng		96
60) 4-Chlorophenyl-phenylether	10.88	204	92668	35.31	ng	#	87
61) 4-Nitroaniline	10.89	138	47887	37.05	ng	#	49
62) Azobenzene	11.04	77	198297	35.76	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	6192	13.44	ng	#	74
65) n-Nitrosodiphenylamine	11.00	169	174354	36.60	ng		93
66) 4-Bromophenyl-phenylether	11.38	248	60818	39.10	ng	#	91
67) Hexachlorobenzene	11.46	284	64384	37.24	ng	#	88
68) Atrazine	11.52	200	54181	36.00	ng		83
69) Pentachlorophenol	11.66	266	28453	29.05	ng		99
70) Phenanthrene	11.89	178	322329	36.39	ng		97
71) Anthracene	11.94	178	317002	37.17	ng		98
72) Carbazole	12.09	167	288443	35.43	ng		95
73) Di-n-butylphthalate	12.44	149	336767	35.80	ng	#	98
74) Fluoranthene	13.18	202	344639	36.54	ng		94
76) Benzidine	13.30	184	181971	38.10	ng		98
77) Pyrene	13.45	202	366082	34.79	ng		96
79) Butylbenzylphthalate	14.18	149	146613	34.70	ng	#	92
80) Benzo(a)anthracene	14.93	228	367041	35.26	ng		96
81) 3,3'-Dichlorobenzidine	14.87	252	123866	34.50	ng	#	94
82) Chrysene	14.97	228	342304	35.66	ng		95
83) Bis(2-ethylhexyl)phthalate	14.92	149	223439	33.46	ng		96
84) Di-n-octyl phthalate	15.77	149	393245	34.37	ng		95
85) Indeno(1,2,3-cd)pyrene	18.73	276	422111	34.87	ng	#	90
87) Benzo(b)fluoranthene	16.35	252	382640	37.29	ng	#	88
88) Benzo(k)fluoranthene	16.38	252	345477	33.06	ng	#	91
89) Benzo(a)pyrene	16.80	252	349383	35.85	ng	#	89
90) Dibenzo(a,h)anthracene	18.76	278	344470	34.53	ng	#	81
91) Benzo(g,h,i)perylene	19.28	276	343512	34.11	ng	#	78

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

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