Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080699.D
Acq On : 28 Jul 2015 5:24
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/29/2015 10:41:45 AM

Quant Time: Jul 28 11:20:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 05:06:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	34352	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	109696	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	35734	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	47746	20.00	ng		0.00
75) Chrysene-d12	14.24	240	25412	20.00	ng		-0.01
86) Perylene-d12	15.91	264	17042	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	181104	83.97	ng		0.00
7) Phenol-d6	6.53	99	185360	79.88	ng		0.00
23) Nitrobenzene-d5	7.48	82	177050	82.92	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	21645	69.21	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	222678	78.52	ng		0.00
78) Terphenyl-d14	13.07	244	112766	76.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	39114	42.98	ng		95
3) Pyridine	3.29	79	105047	45.69	ng		96
4) n-Nitrosodimethylamine	3.20	42	52932	36.23	ng		96
6) Aniline	6.58	93	137871	41.94	ng		97
8) 2-Chlorophenol	6.70	128	88023	41.14	ng		96
9) Benzaldehyde	6.46	77	58618	37.31	ng		98
10) Phenol	6.54	94	98110	37.35	ng		92
11) bis(2-Chloroethyl)ether	6.65	93	77297	40.86	ng		99
12) 1,3-Dichlorobenzene	6.86	146	103871	39.96	ng		98
13) 1,4-Dichlorobenzene	6.94	146	104260	40.96	ng		97
14) 1,2-Dichlorobenzene	7.09	146	96087	39.79	ng		100
15) Benzyl Alcohol	7.06	79	75120	39.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	140175	39.55	ng		97
17) 2-Methylphenol	7.17	107	60536	40.39	ng	#	88
18) Hexachloroethane	7.44	117	32814	38.64	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	53146	38.92	ng	#	75
20) 3+4-Methylphenols	7.32	107	83068	40.53	ng		93
22) Acetophenone	7.33	105	111099	39.32	ng		96
24) Nitrobenzene	7.50	77	82047	38.96	ng		98
25) Isophorone	7.74	82	131629	39.61	ng		100
26) 2-Nitrophenol	7.82	139	31950	37.61	ng		95
27) 2,4-Dimethylphenol	7.86	122	61873	37.77	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	75246	38.55	ng		100
29) 2,4-Dichlorophenol	8.06	162	50686	36.67	ng	#	81
30) 1,2,4-Trichlorobenzene	8.16	180	61464	34.95	ng		97
31) Naphthalene	8.24	128	195442	36.23	ng		99
32) Benzoic acid	7.90	122	24703	30.54	ng		90
33) 4-Chloroaniline	8.27	127	71601	36.86	ng	#	80
34) Hexachlorobutadiene	8.35	225	40094	36.52	ng		92
35) Caprolactam	8.60	113	11059	39.39	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	45749	32.62	ng		91
37) 2-Methylnaphthalene	8.92	142	123406	35.82	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	50404	38.31	ng		98
40) Hexachlorocyclopentadiene	9.08	237	28476	33.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	36970	42.58	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	29299	36.51	ng		98
45) 1,1'-Biphenyl	9.39	154	116360	38.77	ng		99
46) 2-Chloronaphthalene	9.41	162	94858	37.78	ng		99
47) 2-Nitroaniline	9.49	65	24412	41.32	ng		94
48) Acenaphthylene	9.82	152	147866	37.42	ng		98
49) Dimethylphthalate	9.68	163	99590	42.87	ng		99
50) 2,6-Dinitrotoluene	9.74	165	16799	36.53	ng		95
51) Acenaphthene	10.00	154	88160	37.94	ng		98
52) 3-Nitroaniline	9.90	138	20491	39.23	ng		100
53) 2,4-Dinitrophenol	10.01	184	3264	27.74	ng	#	71
54) Dibenzofuran	10.17	168	117375	36.80	ng		98
55) 4-Nitrophenol	10.05	139	12156	34.76	ng		97
56) 2,4-Dinitrotoluene	10.14	165	18345	34.99	ng		98
57) Fluorene	10.51	166	86219	35.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	19445	36.24	ng	#	89
59) Diethylphthalate	10.38	149	84534	38.31	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	39852	37.35	ng		97
61) 4-Nitroaniline	10.51	138	16270	36.53	ng		97
62) Azobenzene	10.66	77	79222	36.70	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	6300	35.27	ng		94
65) n-Nitrosodiphenylamine	10.62	169	63208	38.77	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	18859	36.99	ng		98
67) Hexachlorobenzene	11.06	284	21318	35.54	ng		98
68) Atrazine	11.14	200	15743	49.79	ng		96
69) Pentachlorophenol	11.25	266	9610	40.69	ng		94
70) Phenanthrene	11.47	178	98752	36.24	ng		99
71) Anthracene	11.53	178	98696	37.25	ng		97
72) Carbazole	11.68	167	84896	38.36	ng		98
73) Di-n-butylphthalate	12.02	149	99435	44.09	ng		99
74) Fluoranthene	12.68	202	78806	36.87	ng		100
76) Benzidine	12.81	184	31948	45.63	ng		99
77) Pyrene	12.92	202	78358	36.83	ng		99
79) Butylbenzylphthalate	13.60	149	25970	42.12	ng		91
80) Benzo(a)anthracene	14.23	228	54493	37.02	ng		98
81) 3,3'-Dichlorobenzidine	14.19	252	17479	45.39	ng		96
82) Chrysene	14.27	228	53677	36.56	ng		97
83) Bis(2-ethylhexyl)phthalate	14.25	149	36725	48.62	ng	#	96
84) Di-n-octyl phthalate	14.99	149	51629	56.90	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	148043	239.11	ng		97
87) Benzo(b)fluoranthene	15.46	252	36531m	29.44	ng		
88) Benzo(k)fluoranthene	15.49	252	37709m	33.14	ng		
89) Benzo(a)pyrene	15.84	252	35403	37.34	ng	#	91
90) Dibenzo(a,h)anthracene	17.41	278	103641	158.97	ng	#	90
91) Benzo(g,h,i)perylene	17.84	276	180055	284.89	ng	#	95

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

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