Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
Data File : BF080683.D
Acq On : 27 Jul 2015 21:37
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
7/29/2015 10:40:30 AM

Quant Time: Jul 28 07:39:36 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	27472	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	83454	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	30043	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	41671	20.00	ng		0.00
75) Chrysene-d12	14.26	240	23643	20.00	ng		0.01
86) Perylene-d12	15.93	264	10953	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	154236	89.42	ng		0.00
7) Phenol-d6	6.53	99	147677	79.58	ng		0.00
23) Nitrobenzene-d5	7.48	82	130914	80.60	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	19683	74.86	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	189282	79.38	ng		0.00
78) Terphenyl-d14	13.08	244	102241	74.08	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	30101	41.36	ng		93
3) Pyridine	3.28	79	82645	44.95	ng		97
4) n-Nitrosodimethylamine	3.17	42	51960	44.48	ng		87
6) Aniline	6.58	93	110671	42.10	ng		96
8) 2-Chlorophenol	6.70	128	67145	39.24	ng		98
9) Benzaldehyde	6.46	77	49099	39.08	ng		97
10) Phenol	6.54	94	80028	38.09	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	60758	40.16	ng		99
12) 1,3-Dichlorobenzene	6.86	146	84604	40.70	ng		99
13) 1,4-Dichlorobenzene	6.94	146	78592	38.61	ng		99
14) 1,2-Dichlorobenzene	7.09	146	75325	39.00	ng		99
15) Benzyl Alcohol	7.06	79	55920	36.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	109140	38.50	ng		97
17) 2-Methylphenol	7.16	107	44244	36.92	ng		98
18) Hexachloroethane	7.44	117	25399	37.40	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	40759	37.32	ng		99
20) 3+4-Methylphenols	7.32	107	61242	37.37	ng		98
22) Acetophenone	7.33	105	83613	38.90	ng		98
24) Nitrobenzene	7.50	77	63201	39.45	ng		99
25) Isophorone	7.74	82	97044	38.38	ng		98
26) 2-Nitrophenol	7.82	139	24257	37.53	ng		100
27) 2,4-Dimethylphenol	7.86	122	44705m	35.87	ng		
28) bis(2-Chloroethoxy)methane	7.95	93	57059	38.43	ng		97
29) 2,4-Dichlorophenol	8.06	162	38726	36.83	ng	#	81
30) 1,2,4-Trichlorobenzene	8.16	180	48127	35.97	ng		99
31) Naphthalene	8.24	128	154225	37.58	ng		99
32) Benzoic acid	7.89	122	20725m	33.68	ng		
33) 4-Chloroaniline	8.27	127	53582	36.26	ng	#	79
34) Hexachlorobutadiene	8.35	225	30605	36.65	ng		96
35) Caprolactam	8.60	113	8103	37.93	ng		91
36) 4-Chloro-3-methylphenol	8.75	107	37230	34.90	ng		96
37) 2-Methylnaphthalene	8.92	142	99077	37.81	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	41070	37.13	ng		98
40) Hexachlorocyclopentadiene	9.08	237	26805	37.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	31537	43.21	ng		96
43) 2,4,5-Trichlorophenol	9.23	196	24715	36.63	ng		96
45) 1,1'-Biphenyl	9.39	154	98852	39.17	ng		97
46) 2-Chloronaphthalene	9.41	162	81670	38.69	ng		98
47) 2-Nitroaniline	9.49	65	19178	38.61	ng		93
48) Acenaphthylene	9.82	152	133284	40.12	ng		99
49) Dimethylphthalate	9.68	163	79984	40.95	ng		99
50) 2,6-Dinitrotoluene	9.74	165	14250	36.86	ng		92
51) Acenaphthene	10.00	154	75728	38.76	ng		97
52) 3-Nitroaniline	9.90	138	17231	39.24	ng		97
53) 2,4-Dinitrophenol	10.01	184	3627	36.67	ng	#	68
54) Dibenzofuran	10.17	168	101361	37.80	ng		97
55) 4-Nitrophenol	10.05	139	10894	37.05	ng		98
56) 2,4-Dinitrotoluene	10.14	165	15386	34.91	ng		99
57) Fluorene	10.51	166	76008	37.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	16875	37.41	ng	#	85
59) Diethylphthalate	10.38	149	68451	36.90	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	32857	36.63	ng		96
61) 4-Nitroaniline	10.51	138	14544	38.84	ng		96
62) Azobenzene	10.66	77	68703	37.86	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	5805	37.24	ng		87
65) n-Nitrosodiphenylamine	10.62	169	54629	38.39	ng		94
66) 4-Bromophenyl-phenylether	11.00	248	17214	38.68	ng	#	94
67) Hexachlorobenzene	11.06	284	20260	38.70	ng		95
68) Atrazine	11.14	200	11495	41.65	ng		97
69) Pentachlorophenol	11.25	266	7754	37.62	ng		89
70) Phenanthrene	11.47	178	90280	37.96	ng		98
71) Anthracene	11.53	178	86416	37.37	ng		98
72) Carbazole	11.68	167	73460	38.03	ng		95
73) Di-n-butylphthalate	12.02	149	79905	40.59	ng		98
74) Fluoranthene	12.68	202	73802	39.56	ng		96
76) Benzidine	12.81	184	22707	34.86	ng		96
77) Pyrene	12.92	202	72207	36.48	ng		100
79) Butylbenzylphthalate	13.61	149	20320	35.42	ng		88
80) Benzo(a)anthracene	14.25	228	49079	35.84	ng		98
81) 3,3'-Dichlorobenzidine	14.20	252	12473	34.81	ng	#	97
82) Chrysene	14.28	228	50380	36.88	ng		96
83) Bis(2-ethylhexyl)phthalate	14.26	149	24237	34.49	ng		98
84) Di-n-octyl phthalate	15.01	149	27687	32.80	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	19904	34.55	ng		94
87) Benzo(b)fluoranthene	15.48	252	30500	38.24	ng		96
88) Benzo(k)fluoranthene	15.52	252	30074m	41.12	ng		
89) Benzo(a)pyrene	15.86	252	24838	40.76	ng		92
90) Dibenzo(a,h)anthracene	17.44	278	15484	36.95	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	14369	35.37	ng	#	95

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

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