Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083197.D
Acq On : 23 Nov 2015 11:11
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:19:53 PM

Quant Time: Nov 24 00:59:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192227	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	732047	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	361424	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	684896	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	601842	20.00	ng		-0.02
86) Perylene-d12	15.14	264	545053	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1027645	80.82	ng		-0.05
7) Phenol-d6	6.31	99	1314678	79.91	ng		-0.03
23) Nitrobenzene-d5	7.22	82	1325239	82.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	280252	75.79	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	2095704	80.86	ng		-0.01
78) Terphenyl-d14	12.74	244	1918037	75.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	243618	38.68	ng		98
3) Pyridine	2.76	79	744151m	44.73	ng		
4) n-Nitrosodimethylamine	2.72	42	339457	44.24	ng		99
6) Aniline	6.31	93	928068	46.16	ng		95
8) 2-Chlorophenol	6.43	128	565448	41.16	ng		94
9) Benzaldehyde	6.18	77	341189	41.97	ng		98
10) Phenol	6.32	94	748093	37.59	ng		99
11) bis(2-Chloroethyl)ether	6.39	93	613833	43.19	ng		98
12) 1,3-Dichlorobenzene	6.58	146	628610m	40.08	ng		
13) 1,4-Dichlorobenzene	6.66	146	638605	40.25	ng		94
14) 1,2-Dichlorobenzene	6.81	146	545471	37.83	ng		96
15) Benzyl Alcohol	6.81	79	520817	37.89	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	989960	44.67	ng		76
17) 2-Methylphenol	6.94	107	470339	41.38	ng		95
18) Hexachloroethane	7.15	117	224302	40.13	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	454056	39.66	ng		99
20) 3+4-Methylphenols	7.08	107	631419	43.94	ng		95
22) Acetophenone	7.06	105	837803	39.86	ng	#	98
24) Nitrobenzene	7.23	77	669672	39.12	ng		99
25) Isophorone	7.48	82	1218693	40.18	ng		96
26) 2-Nitrophenol	7.55	139	305018	40.36	ng		93
27) 2,4-Dimethylphenol	7.61	122	473530	39.26	ng		95
28) bis(2-Chloroethoxy)methane	7.70	93	705420	40.00	ng		99
29) 2,4-Dichlorophenol	7.80	162	474637	41.38	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	484122	38.42	ng		94
31) Naphthalene	7.95	128	1566461	39.65	ng		98
32) Benzoic acid	7.76	122	374529	39.95	ng		94
33) 4-Chloroaniline	8.01	127	628908	41.03	ng		98
34) Hexachlorobutadiene	8.08	225	295188	39.64	ng		99
35) Caprolactam	8.40	113	138290	37.62	ng		92
36) 4-Chloro-3-methylphenol	8.51	107	502179	37.79	ng		89
37) 2-Methylnaphthalene	8.64	142	992421	38.70	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	453899	38.75	ng		99
40) Hexachlorocyclopentadiene	8.80	237	244243	36.67	ng		99

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Quant Time: Nov 24 00:59:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	344839	41.10	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	335338	39.09	ng		97
45) 1,1'-Biphenyl	9.11	154	1169601	38.02	ng		96
46) 2-Chloronaphthalene	9.13	162	969984	40.15	ng		95
47) 2-Nitroaniline	9.23	65	357185	41.79	ng		99
48) Acenaphthylene	9.54	152	1519833	40.59	ng		100
49) Dimethylphthalate	9.43	163	1141776	41.03	ng	#	99
50) 2,6-Dinitrotoluene	9.48	165	239893	38.42	ng	#	52
51) Acenaphthene	9.71	154	966566	42.42	ng		99
52) 3-Nitroaniline	9.64	138	278812	41.89	ng	#	61
53) 2,4-Dinitrophenol	9.75	184	140953	39.19	ng	#	84
54) Dibenzofuran	9.88	168	1264599	39.24	ng		99
55) 4-Nitrophenol	9.84	139	212604	41.65	ng	#	71
56) 2,4-Dinitrotoluene	9.87	165	310044	39.19	ng		96
57) Fluorene	10.23	166	1050623	39.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	278615	39.59	ng		98
59) Diethylphthalate	10.11	149	1017338	36.73	ng		96
60) 4-Chlorophenyl-phenylether	10.23	204	468477	38.41	ng	#	79
61) 4-Nitroaniline	10.26	138	277124	42.28	ng		91
62) Azobenzene	10.38	77	1263284	39.96	ng		98
64) 4,6-Dinitro-2-methylphenol	10.28	198	192634	40.82	ng	#	76
65) n-Nitrosodiphenylamine	10.34	169	878293	37.70	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	299482	39.41	ng	#	91
67) Hexachlorobenzene	10.78	284	319539	38.18	ng	#	79
68) Atrazine	10.88	200	269274	39.81	ng		99
69) Pentachlorophenol	10.97	266	207196	38.01	ng		97
70) Phenanthrene	11.18	178	1443456	36.58	ng		99
71) Anthracene	11.23	178	1650413	40.99	ng		99
72) Carbazole	11.39	167	1458788	40.77	ng		99
73) Di-n-butylphthalate	11.74	149	1665301	38.13	ng		98
74) Fluoranthene	12.35	202	1566862	38.80	ng		96
76) Benzidine	12.49	184	734245	46.55	ng		98
77) Pyrene	12.58	202	1550206	37.70	ng		99
79) Butylbenzylphthalate	13.22	149	708537	36.41	ng	#	87
80) Benzo(a)anthracene	13.77	228	1564603	42.04	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	521932	40.29	ng		100
82) Chrysene	13.81	228	1215469	35.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	891814	35.09	ng		97
84) Di-n-octyl phthalate	14.39	149	1511684	34.55	ng		96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1164394	37.09	ng		96
87) Benzo(b)fluoranthene	14.78	252	1472127m	39.53	ng		
88) Benzo(k)fluoranthene	14.80	252	1008993m	36.36	ng		
89) Benzo(a)pyrene	15.09	252	1158979	37.69	ng	#	95
90) Dibenzo(a,h)anthracene	16.41	278	961426	34.42	ng	#	96
91) Benzo(g,h,i)perylene	16.78	276	935767	34.32	ng	#	96

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

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