Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082602.D
Acq On : 31 Oct 2015 5:54
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:18 PM

Quant Time: Oct 31 06:26:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	207739	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	753919	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	395004	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	754985	20.00	ng		0.00
75) Chrysene-d12	14.08	240	545246	20.00	ng		0.00
86) Perylene-d12	15.53	264	430797	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1126883	81.70	ng		0.00
7) Phenol-d6	6.53	99	1348197	73.58	ng		0.00
23) Nitrobenzene-d5	7.47	82	1422280	77.04	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	347706	80.43	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2147909	77.20	ng		0.00
78) Terphenyl-d14	13.02	244	1937876	77.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	245829	38.55	ng		91
3) Pyridine	3.26	79	691838	37.01	ng		96
4) n-Nitrosodimethylamine	3.21	42	403010	38.30	ng		94
6) Aniline	6.57	93	999118	39.16	ng		99
8) 2-Chlorophenol	6.69	128	573120	38.40	ng		99
9) Benzaldehyde	6.44	77	451947	36.13	ng		99
10) Phenol	6.54	94	763684	36.78	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	541082	35.32	ng		98
12) 1,3-Dichlorobenzene	6.84	146	632825	37.19	ng		99
13) 1,4-Dichlorobenzene	6.92	146	648401	38.42	ng		99
14) 1,2-Dichlorobenzene	7.08	146	656432	41.90	ng		99
15) Benzyl Alcohol	7.05	79	666580	39.01	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	935686	38.44	ng		99
17) 2-Methylphenol	7.16	107	500205	39.42	ng		99
18) Hexachloroethane	7.42	117	262265	39.82	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	541020	38.95	ng	#	84
20) 3+4-Methylphenols	7.31	107	621016	37.66	ng		94
22) Acetophenone	7.32	105	935289	42.14	ng		96
24) Nitrobenzene	7.49	77	826884	44.31	ng		95
25) Isophorone	7.73	82	1327430	39.08	ng		98
26) 2-Nitrophenol	7.80	139	272899	40.03	ng		99
27) 2,4-Dimethylphenol	7.85	122	518244	38.94	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	748999	40.32	ng		99
29) 2,4-Dichlorophenol	8.05	162	509865	42.03	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	507524	37.70	ng		99
31) Naphthalene	8.21	128	1503962	36.87	ng		99
32) Benzoic acid	7.97	122	418602	43.36	ng		95
33) 4-Chloroaniline	8.26	127	625728	35.93	ng		100
34) Hexachlorobutadiene	8.34	225	337153	39.38	ng		100
35) Caprolactam	8.65	113	152770	41.05	ng	#	66
36) 4-Chloro-3-methylphenol	8.74	107	545195	38.17	ng		97
37) 2-Methylnaphthalene	8.91	142	1137020	43.01	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	534610	40.56	ng		98
40) Hexachlorocyclopentadiene	9.07	237	351475	42.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	386824	40.64	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	355268	37.46	ng		99
45) 1,1'-Biphenyl	9.38	154	1406289	42.15	ng		99
46) 2-Chloronaphthalene	9.40	162	1095035	42.03	ng		99
47) 2-Nitroaniline	9.48	65	370310	36.56	ng		99
48) Acenaphthylene	9.81	152	1639476	39.34	ng		99
49) Dimethylphthalate	9.68	163	1157889	35.89	ng		100
50) 2,6-Dinitrotoluene	9.73	165	294267	44.01	ng		99
51) Acenaphthene	9.98	154	967024	36.55	ng		100
52) 3-Nitroaniline	9.89	138	294272	39.56	ng		98
53) 2,4-Dinitrophenol	10.00	184	123314	38.42	ng		83
54) Dibenzofuran	10.16	168	1345397	37.48	ng		99
55) 4-Nitrophenol	10.05	139	259003	46.27	ng		98
56) 2,4-Dinitrotoluene	10.13	165	386572	42.75	ng		99
57) Fluorene	10.50	166	1114721	38.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	306671	38.26	ng		99
59) Diethylphthalate	10.37	149	1293446	39.38	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	539237	38.31	ng		93
61) 4-Nitroaniline	10.51	138	272095	38.33	ng		97
62) Azobenzene	10.65	77	1425169	38.48	ng		83
64) 4,6-Dinitro-2-methylphenol	10.54	198	217468	47.76	ng		94
65) n-Nitrosodiphenylamine	10.61	169	1085507	41.83	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	321508	37.58	ng	#	63
67) Hexachlorobenzene	11.05	284	351440	37.05	ng	#	90
68) Atrazine	11.14	200	339416	39.97	ng		99
69) Pentachlorophenol	11.24	266	265416	42.43	ng		99
70) Phenanthrene	11.46	178	1586192	37.25	ng		100
71) Anthracene	11.52	178	1762955	41.12	ng		98
72) Carbazole	11.66	167	1592501	42.64	ng		99
73) Di-n-butylphthalate	12.01	149	2063258	43.40	ng		99
74) Fluoranthene	12.65	202	1721587	39.55	ng		98
76) Benzidine	12.76	184	936174	38.07	ng		98
77) Pyrene	12.88	202	1669256	41.34	ng		100
79) Butylbenzylphthalate	13.51	149	830602	46.97	ng		91
80) Benzo(a)anthracene	14.07	228	1373111	39.64	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	506426	42.43	ng	#	97
82) Chrysene	14.10	228	1254316	39.96	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1009630	44.04	ng	#	98
84) Di-n-octyl phthalate	14.69	149	1499328	41.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	1144514	44.18	ng		99
87) Benzo(b)fluoranthene	15.12	252	1033830	34.80	ng		98
88) Benzo(k)fluoranthene	15.15	252	1064574m	47.04	ng		
89) Benzo(a)pyrene	15.47	252	936158	40.02	ng		100
90) Dibenzo(a,h)anthracene	16.99	278	944061	43.25	ng		99
91) Benzo(g,h,i)perylene	17.40	276	933589	44.13	ng		99

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

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