Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084000.D
Acq On : 22 Dec 2015 20:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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12/23/2015 4:27:11 PM

Quant Time: Dec 23 01:22:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58714	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	207832	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	94980	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	159997	20.00	ng		0.00
75) Chrysene-d12	14.00	240	143436	20.00	ng		0.00
86) Perylene-d12	15.43	264	96148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	252989	73.47	ng		0.00
7) Phenol-d6	6.48	99	323586	79.92	ng		0.00
23) Nitrobenzene-d5	7.40	82	299722	88.59	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	88268	96.62	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	547658	77.60	ng		0.00
78) Terphenyl-d14	12.93	244	507461	84.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	57550	35.10	ng		98
3) Pyridine	3.10	79	132309	35.45	ng		99
4) n-Nitrosodimethylamine	3.05	42	52916	38.15	ng		95
6) Aniline	6.49	93	210450	37.56	ng	#	59
8) 2-Chlorophenol	6.61	128	152937	38.57	ng		93
9) Benzaldehyde	6.37	77	103829	38.40	ng		96
10) Phenol	6.49	94	190430	40.66	ng	#	75
11) bis(2-Chloroethyl)ether	6.57	93	140331	39.21	ng		98
12) 1,3-Dichlorobenzene	6.77	146	176447	40.05	ng		99
13) 1,4-Dichlorobenzene	6.85	146	169949m	39.50	ng		
14) 1,2-Dichlorobenzene	7.00	146	164940	40.11	ng		98
15) Benzyl Alcohol	6.98	79	134245	42.11	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	146937	42.52	ng		97
17) 2-Methylphenol	7.09	107	122393	38.75	ng		96
18) Hexachloroethane	7.34	117	64340	40.78	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	91921	37.46	ng	#	83
20) 3+4-Methylphenols	7.25	107	156071	40.04	ng	#	56
22) Acetophenone	7.24	105	205107	42.06	ng	#	94
24) Nitrobenzene	7.41	77	154023	44.18	ng		99
25) Isophorone	7.65	82	262680	40.98	ng		98
26) 2-Nitrophenol	7.73	139	81987	43.69	ng		92
27) 2,4-Dimethylphenol	7.78	122	131031	40.06	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	170294	42.89	ng		97
29) 2,4-Dichlorophenol	7.98	162	124525	42.62	ng		93
30) 1,2,4-Trichlorobenzene	8.06	180	126658	41.55	ng	#	95
31) Naphthalene	8.13	128	425258	40.05	ng		100
32) Benzoic acid	7.90	122	57362	39.12	ng		97
33) 4-Chloroaniline	8.19	127	191197	44.04	ng	#	91
34) Hexachlorobutadiene	8.26	225	76799	42.16	ng		100
35) Caprolactam	8.56	113	33993	38.71	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	144387	46.20	ng		97
37) 2-Methylnaphthalene	8.83	142	266493	38.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	118535	41.52	ng		97
40) Hexachlorocyclopentadiene	8.99	237	27389	37.25	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	68839	40.04	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	69654	38.92	ng		98
45) 1,1'-Biphenyl	9.30	154	307991	36.68	ng		96
46) 2-Chloronaphthalene	9.32	162	243009	40.20	ng		92
47) 2-Nitroaniline	9.41	65	66032	40.07	ng	#	86
48) Acenaphthylene	9.73	152	400458	41.84	ng		99
49) Dimethylphthalate	9.60	163	287568	38.69	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	58873	37.53	ng	#	57
51) Acenaphthene	9.90	154	237256	41.69	ng		100
52) 3-Nitroaniline	9.82	138	67614	40.59	ng		91
53) 2,4-Dinitrophenol	9.94	184	23421	39.41	ng	#	87
54) Dibenzofuran	10.08	168	372307	43.70	ng		94
55) 4-Nitrophenol	10.01	139	40186	41.05	ng		93
56) 2,4-Dinitrotoluene	10.06	165	94384	47.86	ng		87
57) Fluorene	10.42	166	303372	44.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69803	49.47	ng		88
59) Diethylphthalate	10.29	149	310831	42.55	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	130617	42.23	ng		89
61) 4-Nitroaniline	10.44	138	84432	49.54	ng		93
62) Azobenzene	10.57	77	277773	43.07	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	46565	49.79	ng		99
65) n-Nitrosodiphenylamine	10.53	169	267634	45.29	ng		98
66) 4-Bromophenyl-phenylether	10.90	248	86936	47.39	ng	#	87
67) Hexachlorobenzene	10.97	284	87813	43.85	ng	#	80
68) Atrazine	11.06	200	82074	45.94	ng		96
69) Pentachlorophenol	11.16	266	28915	42.95	ng		97
70) Phenanthrene	11.38	178	381251	42.16	ng		99
71) Anthracene	11.42	178	368471	40.12	ng		100
72) Carbazole	11.58	167	350726	40.84	ng		99
73) Di-n-butylphthalate	11.92	149	437157	41.00	ng	#	98
74) Fluoranthene	12.57	202	444623	49.58	ng		95
76) Benzidine	12.68	184	227053	44.39	ng		99
77) Pyrene	12.80	202	441710	45.39	ng		99
79) Butylbenzylphthalate	13.41	149	179645	40.14	ng	#	76
80) Benzo(a)anthracene	13.99	228	346486	41.89	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	130082	41.82	ng	#	96
82) Chrysene	14.02	228	338609	44.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	262541	42.30	ng	#	97
84) Di-n-octyl phthalate	14.58	149	330902	34.67	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	254232	40.03	ng		99
87) Benzo(b)fluoranthene	15.01	252	247235m	40.79	ng		
88) Benzo(k)fluoranthene	15.04	252	244542m	42.42	ng		
89) Benzo(a)pyrene	15.37	252	230454	41.05	ng		100
90) Dibenzo(a,h)anthracene	16.83	278	209795	45.10	ng		99
91) Benzo(g,h,i)perylene	17.25	276	217414	46.20	ng		98

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

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