Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085947.D
Acq On : 1 Apr 2016 00:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/1/2016 9:46:43 PM

Quant Time: Apr 01 01:14:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	151372	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	589385	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	249271	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	434525	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	259181	20.00	ng		-0.01
86) Perylene-d12	15.36	264	280584	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	692985	76.24	ng		-0.01
7) Phenol-d6	6.44	99	886184	76.68	ng		-0.01
23) Nitrobenzene-d5	7.36	82	814857	77.86	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	181911	76.81	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1152255	77.23	ng		-0.01
78) Terphenyl-d14	12.89	244	928554	73.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	169482m	39.05	ng		
3) Pyridine	3.04	79	418222	40.19	ng		98
4) n-Nitrosodimethylamine	3.00	42	173601	41.68	ng		95
6) Aniline	6.46	93	575674	37.01	ng	#	73
8) 2-Chlorophenol	6.57	128	398520	37.74	ng		87
9) Benzaldehyde	6.34	77	245024	35.19	ng		90
10) Phenol	6.46	94	464748	35.50	ng	#	56
11) bis(2-Chloroethyl)ether	6.53	93	389794	38.69	ng		94
12) 1,3-Dichlorobenzene	6.73	146	457837m	40.26	ng		
13) 1,4-Dichlorobenzene	6.81	146	454179m	39.38	ng		
14) 1,2-Dichlorobenzene	6.96	146	402518	37.45	ng		97
15) Benzyl Alcohol	6.94	79	269288	34.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	466518	34.90	ng		90
17) 2-Methylphenol	7.06	107	336549	39.81	ng		95
18) Hexachloroethane	7.30	117	164023	38.84	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	255690	36.95	ng		92
20) 3+4-Methylphenols	7.22	107	387778	38.15	ng	#	60
22) Acetophenone	7.21	105	541117	39.41	ng	#	95
24) Nitrobenzene	7.38	77	456217	42.29	ng		96
25) Isophorone	7.62	82	782682	38.82	ng		98
26) 2-Nitrophenol	7.70	139	217618	40.32	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	345018	36.57	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	425338	37.02	ng		98
29) 2,4-Dichlorophenol	7.94	162	321288	40.51	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	358344	40.70	ng		95
31) Naphthalene	8.10	128	1175709	39.59	ng		99
32) Benzoic acid	7.90	122	278213	44.40	ng		99
33) 4-Chloroaniline	8.16	127	460614	37.99	ng		96
34) Hexachlorobutadiene	8.22	225	195473	40.85	ng		99
35) Caprolactam	8.55	113	100627	35.82	ng		99
36) 4-Chloro-3-methylphenol	8.65	107	353934	38.20	ng	#	86
37) 2-Methylnaphthalene	8.79	142	658196	36.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	335678	45.41	ng		99
40) Hexachlorocyclopentadiene	8.94	237	54606	24.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	209910	42.04	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	213962	40.87	ng	#	93
45) 1,1'-Biphenyl	9.26	154	873514	41.53	ng		96
46) 2-Chloronaphthalene	9.28	162	646636	41.81	ng		94
47) 2-Nitroaniline	9.38	65	206032	43.56	ng		99
48) Acenaphthylene	9.69	152	946462	37.56	ng		100
49) Dimethylphthalate	9.57	163	825025	43.63	ng		99
50) 2,6-Dinitrotoluene	9.62	165	152943	37.57	ng		94
51) Acenaphthene	9.86	154	558887	36.31	ng		99
52) 3-Nitroaniline	9.80	138	172024	36.92	ng		95
53) 2,4-Dinitrophenol	9.91	184	64560	35.06	ng	#	79
54) Dibenzofuran	10.04	168	715413	35.91	ng		96
55) 4-Nitrophenol	9.97	139	105323	34.70	ng	#	81
56) 2,4-Dinitrotoluene	10.04	165	210907	40.76	ng	#	70
57) Fluorene	10.38	166	613160	37.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147751	40.60	ng		97
59) Diethylphthalate	10.25	149	747332	40.00	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	306472	37.85	ng		91
61) 4-Nitroaniline	10.41	138	176351	39.57	ng		91
62) Azobenzene	10.53	77	711269	39.61	ng		94
64) 4,6-Dinitro-2-methylphenol	10.45	198	99233	39.00	ng	#	61
65) n-Nitrosodiphenylamine	10.49	169	550266	39.98	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	184699	41.55	ng		92
67) Hexachlorobenzene	10.93	284	187943	40.43	ng	#	84
68) Atrazine	11.03	200	184213	39.64	ng		94
69) Pentachlorophenol	11.13	266	82429	36.11	ng		99
70) Phenanthrene	11.34	178	871486	39.06	ng		100
71) Anthracene	11.40	178	979440	41.82	ng		99
72) Carbazole	11.54	167	771676	39.24	ng		98
73) Di-n-butylphthalate	11.88	149	1006550	37.30	ng		99
74) Fluoranthene	12.53	202	846904	35.71	ng		93
76) Benzidine	12.65	184	353512	38.73	ng		98
77) Pyrene	12.76	202	824010	38.68	ng		100
79) Butylbenzylphthalate	13.37	149	395724	44.35	ng		89
80) Benzo(a)anthracene	13.95	228	624827	42.28	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	516719	50.38	ng	#	96
82) Chrysene	13.98	228	609321	40.93	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	493211	46.17	ng	#	94
84) Di-n-octyl phthalate	14.54	149	798937	50.30	ng		99
85) Indeno(1,2,3-cd)pyrene	16.75	276	739491	64.33	ng		99
87) Benzo(b)fluoranthene	14.96	252	590836m	33.43	ng		
88) Benzo(k)fluoranthene	15.00	252	644044m	40.42	ng		
89) Benzo(a)pyrene	15.31	252	613336	39.08	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	627346	43.02	ng		98
91) Benzo(g,h,i)perylene	17.16	276	597218	40.45	ng		97

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

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