Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110717\
Data File : BF100277.D
Acq On : 7 Nov 2017 12:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/8/2017 3:54:01 PM

Quant Time: Nov 07 14:07:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:59:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	86749	20.00	ng		-0.05
21) Naphthalene-d8	7.99	136	363620	20.00	ng		-0.05
38) Acenaphthene-d10	9.75	164	167338	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	298146	20.00	ng		-0.05
75) Chrysene-d12	13.89	240	185163	20.00	ng		-0.06
86) Perylene-d12	15.33	264	139509	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	457623	82.82	ng		-0.05
7) Phenol-d6	6.37	99	516181	78.79	ng		-0.05
23) Nitrobenzene-d5	7.29	82	426109	75.44	ng		-0.05
41) 2,4,6-Tribromophenol	10.55	330	119773	78.54	ng		-0.05
44) 2-Fluorobiphenyl	9.07	172	865238	79.77	ng		-0.05
78) Terphenyl-d14	12.82	244	780260	92.09	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	96304	39.468	ng	#	86
3) Pyridine	3.11	79	201761m	34.385	ng		
4) n-Nitrosodimethylamine	3.08	42	79248	37.804	ng	#	55
6) Aniline	6.39	93	325131	38.273	ng	#	84
8) 2-Chlorophenol	6.50	128	241790	41.058	ng		90
9) Benzaldehyde	6.28	77	139981	35.754	ng		90
10) Phenol	6.38	94	274285	38.130	ng	#	54
11) bis(2-Chloroethyl)ether	6.45	93	220629	39.718	ng		94
12) 1,3-Dichlorobenzene	6.65	146	265620m	40.170	ng		
13) 1,4-Dichlorobenzene	6.73	146	272406	40.591	ng		97
14) 1,2-Dichlorobenzene	6.88	146	246156	40.246	ng		95
15) Benzyl Alcohol	6.87	79	174104	41.785	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	239596	38.828	ng		50
17) 2-Methylphenol	6.99	107	195373	39.661	ng	#	95
18) Hexachloroethane	7.20	117	87923	39.270	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	159118	41.443	ng		89
20) 3+4-Methylphenols	7.15	107	255218	44.496	ng	#	88
22) Acetophenone	7.13	105	334269	40.374	ng	#	91
24) Nitrobenzene	7.30	77	223304	39.239	ng		92
25) Isophorone	7.54	82	391904	38.239	ng		98
26) 2-Nitrophenol	7.62	139	133768	41.040	ng	#	84
27) 2,4-Dimethylphenol	7.66	122	192853	40.157	ng		92
28) bis(2-Chloroethoxy)methane	7.75	93	280629	39.098	ng		98
29) 2,4-Dichlorophenol	7.87	162	205914	41.274	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	210004	39.396	ng		98
31) Naphthalene	8.02	128	692438	39.450	ng		99
32) Benzoic acid	7.85	122	119674	28.310	ng		93
33) 4-Chloroaniline	8.08	127	282969	39.042	ng	#	93
34) Hexachlorobutadiene	8.12	225	108943	39.734	ng		99
35) Caprolactam	8.47	113	60011	38.250	ng	#	66
36) 4-Chloro-3-methylphenol	8.57	107	201129	39.498	ng		92
37) 2-Methylnaphthalene	8.70	142	465601	39.583	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	221539	40.991	ng	#	97
40) Hexachlorocyclopentadiene	8.85	237	8400	18.874	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	133319	40.781	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	130989	37.758	ng		94
45) 1,1'-Biphenyl	9.17	154	608246	40.180	ng		96
46) 2-Chloronaphthalene	9.20	162	440525	40.070	ng		94
47) 2-Nitroaniline	9.31	65	112712	39.062	ng		89
48) Acenaphthylene	9.61	152	686440	40.539	ng		99
49) Dimethylphthalate	9.47	163	503737	38.013	ng		100
50) 2,6-Dinitrotoluene	9.55	165	108889	39.087	ng	#	87
51) Acenaphthene	9.78	154	416538	40.260	ng		98
52) 3-Nitroaniline	9.73	138	128722	39.214	ng		89
53) 2,4-Dinitrophenol	9.88	184	28093	29.463	ng		90
54) Dibenzofuran	9.95	168	605129	41.434	ng		99
55) 4-Nitrophenol	9.94	139	16816m	9.805	ng		
56) 2,4-Dinitrotoluene	9.97	165	149927	44.688	ng	#	82
57) Fluorene	10.30	166	486359	40.221	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	95893	39.424	ng		92
59) Diethylphthalate	10.17	149	499941	38.632	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	228838	40.211	ng		97
61) 4-Nitroaniline	10.35	138	118018	37.684	ng		83
62) Azobenzene	10.45	77	417235	38.462	ng		91
64) 4,6-Dinitro-2-methylphenol	10.39	198	58099	31.000	ng	#	75
65) n-Nitrosodiphenylamine	10.41	169	444217	40.362	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	129865	41.375	ng	#	86
67) Hexachlorobenzene	10.85	284	130338	40.590	ng		96
68) Atrazine	10.94	200	128710	38.932	ng		97
69) Pentachlorophenol	11.06	266	40926	29.827	ng		99
70) Phenanthrene	11.26	178	664460	39.491	ng		99
71) Anthracene	11.32	178	682454	39.958	ng		99
72) Carbazole	11.48	167	625841	38.967	ng		98
73) Di-n-butylphthalate	11.79	149	798591	38.983	ng		98
74) Fluoranthene	12.45	202	665516	38.060	ng		100
76) Benzidine	12.58	184	210971	26.039	ng		99
77) Pyrene	12.68	202	667566	47.413	ng		99
79) Butylbenzylphthalate	13.29	149	293885	42.388	ng		85
80) Benzo(a)anthracene	13.87	228	447138	38.093	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	146359	34.350	ng		97
82) Chrysene	13.92	228	426928	38.687	ng		98
83) Bis(2-ethylhexyl)phthalate	13.83	149	370179	38.020	ng	#	99
84) Di-n-octyl phthalate	14.44	149	542966	32.491	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.76	276	389305	38.428	ng		97
87) Benzo(b)fluoranthene	14.92	252	318508	36.156	ng		97
88) Benzo(k)fluoranthene	14.94	252	354299	42.651	ng		98
89) Benzo(a)pyrene	15.27	252	313873	39.664	ng	#	97
90) Dibenzo(a,h)anthracene	16.74	278	332411	47.275	ng		97
91) Benzo(g,h,i)perylene	17.19	276	325268	47.283	ng		99

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

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