Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097348.D
Acq On : 4 Aug 2017 8:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/4/2017 5:31:12 PM

Quant Time: Aug 04 11:35:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	89614	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	377896	20.00	ng		-0.05
38) Acenaphthene-d10	9.47	164	149498	20.00	ng		-0.06
63) Phenanthrene-d10	10.95	188	218115	20.00	ng		-0.06
75) Chrysene-d12	13.57	240	137082	20.00	ng		-0.06
86) Perylene-d12	14.91	264	111033	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	586156	98.60	ng		-0.05
7) Phenol-d6	6.13	99	617956	91.06	ng		-0.04
23) Nitrobenzene-d5	7.03	82	582378	90.41	ng		-0.05
41) 2,4,6-Tribromophenol	10.26	330	88863	75.23	ng		-0.06
44) 2-Fluorobiphenyl	8.81	172	749782	85.12	ng		-0.06
78) Terphenyl-d14	12.53	244	598764	89.06	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	99212	39.993	ng	#	74
3) Pyridine	2.53	79	306184	40.307	ng	#	61
4) n-Nitrosodimethylamine	2.49	42	178310	42.371	ng		80
6) Aniline	6.11	93	409005	47.893	ng		99
8) 2-Chlorophenol	6.25	128	267920	42.149	ng		98
9) Benzaldehyde	5.99	77	193810	48.248	ng		95
10) Phenol	6.14	94	364841	45.323	ng		96
11) bis(2-Chloroethyl)ether	6.19	93	269829	42.382	ng		89
12) 1,3-Dichlorobenzene	6.39	146	293055	42.781	ng		96
13) 1,4-Dichlorobenzene	6.47	146	279487	41.170	ng		97
14) 1,2-Dichlorobenzene	6.62	146	246593	41.602	ng		97
15) Benzyl Alcohol	6.62	79	179269	41.723	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.74	45	515370	40.359	ng		63
17) 2-Methylphenol	6.75	107	206470	42.087	ng	#	88
18) Hexachloroethane	6.96	117	73534	29.608	ng	#	82
19) n-Nitroso-di-n-propylamine	6.89	70	209556	46.911	ng	#	81
20) 3+4-Methylphenols	6.90	107	320998	50.098	ng	#	64
22) Acetophenone	6.87	105	414727	45.700	ng		97
24) Nitrobenzene	7.05	77	308412	45.971	ng		94
25) Isophorone	7.29	82	540581	42.851	ng		98
26) 2-Nitrophenol	7.36	139	101815	28.051	ng	#	81
27) 2,4-Dimethylphenol	7.42	122	257508	43.008	ng		97
28) bis(2-Chloroethoxy)methane	7.50	93	336952	40.929	ng		98
29) 2,4-Dichlorophenol	7.62	162	208252	40.374	ng		98
30) 1,2,4-Trichlorobenzene	7.68	180	197275	40.125	ng		94
31) Naphthalene	7.76	128	731853	41.084	ng		99
32) Benzoic acid	7.57	122	121084m	27.083	ng		
33) 4-Chloroaniline	7.82	127	280082	38.641	ng		98
34) Hexachlorobutadiene	7.87	225	103478	39.701	ng		97
35) Caprolactam	8.20	113	76752	46.405	ng	#	65
36) 4-Chloro-3-methylphenol	8.32	107	240078	42.663	ng		89
37) 2-Methylnaphthalene	8.45	142	429443	38.076	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.61	216	171838	43.078	ng		100
40) Hexachlorocyclopentadiene	8.59	237	2376	8.154	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	112898	39.055	ng		97
43) 2,4,5-Trichlorophenol	8.79	196	111091	38.395	ng		98
45) 1,1'-Biphenyl	8.91	154	558596	43.746	ng		98
46) 2-Chloronaphthalene	8.93	162	418624	44.550	ng	#	92
47) 2-Nitroaniline	9.03	65	148683	43.600	ng		97
48) Acenaphthylene	9.33	152	571309	39.611	ng		98
49) Dimethylphthalate	9.21	163	490693	43.223	ng		100
50) 2,6-Dinitrotoluene	9.28	165	77473	32.176	ng	#	91
51) Acenaphthene	9.51	154	367679	43.278	ng		97
52) 3-Nitroaniline	9.45	138	133931	44.813	ng		95
53) 2,4-Dinitrophenol	9.59	184	3219m	2.940	ng		
54) Dibenzofuran	9.68	168	456699	40.358	ng		99
55) 4-Nitrophenol	9.65	139	52533	29.557	ng	#	55
56) 2,4-Dinitrotoluene	9.69	165	84015	30.352	ng	#	73
57) Fluorene	10.02	166	350235	41.179	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	73228	36.655	ng		96
59) Diethylphthalate	9.91	149	442833	42.518	ng		99
60) 4-Chlorophenyl-phenylether	10.02	204	149745	42.636	ng		95
61) 4-Nitroaniline	10.06	138	124565	43.864	ng		92
62) Azobenzene	10.17	77	357972	37.049	ng		93
64) 4,6-Dinitro-2-methylphenol	10.10	198	6125	4.519	ng		89
65) n-Nitrosodiphenylamine	10.14	169	330385	43.534	ng		96
66) 4-Bromophenyl-phenylether	10.50	248	93412	42.914	ng		96
67) Hexachlorobenzene	10.57	284	101457	41.564	ng	#	84
68) Atrazine	10.67	200	45929	21.105	ng		94
69) Pentachlorophenol	10.77	266	38075	37.699	ng		96
70) Phenanthrene	10.97	178	482072	41.250	ng		99
71) Anthracene	11.02	178	492422	41.139	ng		98
72) Carbazole	11.19	167	499452	42.427	ng		99
73) Di-n-butylphthalate	11.52	149	627262	43.107	ng		99
74) Fluoranthene	12.15	202	467444	40.829	ng		99
76) Benzidine	12.29	184	269173	52.920	ng	#	94
77) Pyrene	12.37	202	476106	42.424	ng		99
79) Butylbenzylphthalate	13.00	149	252006	44.145	ng	#	78
80) Benzo(a)anthracene	13.56	228	344526	38.843	ng		98
81) 3,3'-Dichlorobenzidine	13.53	252	150637	45.036	ng	#	95
82) Chrysene	13.60	228	334374	38.607	ng		99
83) Bis(2-ethylhexyl)phthalate	13.57	149	324991	43.603	ng	#	99
84) Di-n-octyl phthalate	14.17	149	554198	40.517	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.12	276	252868	34.049	ng		99
87) Benzo(b)fluoranthene	14.56	252	266267	39.894	ng		98
88) Benzo(k)fluoranthene	14.58	252	278626	43.808	ng		96
89) Benzo(a)pyrene	14.86	252	249184	40.792	ng		98
90) Dibenzo(a,h)anthracene	16.12	278	205462	41.016	ng		97
91) Benzo(g,h,i)perylene	16.47	276	203659	38.769	ng		99

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

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