Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098027.D
Acq On : 25 Aug 2017 3:30
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/25/2017 5:40:21 PM

Quant Time: Aug 25 04:02:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107181	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	401773	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	157175	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	261198	20.00	ng		0.00
75) Chrysene-d12	13.89	240	225297	20.00	ng		0.00
86) Perylene-d12	15.30	264	169964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	590992	83.87	ng		-0.01
7) Phenol-d6	6.37	99	789635	82.48	ng		-0.01
23) Nitrobenzene-d5	7.31	82	669806	90.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	97735	71.67	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	887206	82.93	ng		0.00
78) Terphenyl-d14	12.84	244	728618	67.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	169387	43.104	ng		89
3) Pyridine	3.10	79	464195	42.729	ng		87
4) n-Nitrosodimethylamine	3.06	42	172405	41.244	ng		80
6) Aniline	6.40	93	521284	38.758	ng		97
8) 2-Chlorophenol	6.53	128	303422	40.831	ng		97
9) Benzaldehyde	6.29	77	240223	39.613	ng		88
10) Phenol	6.39	94	471243	42.085	ng		95
11) bis(2-Chloroethyl)ether	6.48	93	330460	39.102	ng		95
12) 1,3-Dichlorobenzene	6.68	146	318464	39.841	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	323753	39.824	ng	#	93
14) 1,2-Dichlorobenzene	6.91	146	297291	39.660	ng		99
15) Benzyl Alcohol	6.89	79	276712	38.604	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	413417	36.357	ng		92
17) 2-Methylphenol	7.00	107	257533	39.326	ng		96
18) Hexachloroethane	7.25	117	100407	31.502	ng	#	77
19) n-Nitroso-di-n-propylamine	7.16	70	233986	35.701	ng		89
20) 3+4-Methylphenols	7.15	107	309049	38.638	ng		91
22) Acetophenone	7.15	105	412446	38.859	ng	#	92
24) Nitrobenzene	7.33	77	363675	44.164	ng		96
25) Isophorone	7.56	82	592932	38.556	ng		95
26) 2-Nitrophenol	7.64	139	111207	38.450	ng	#	74
27) 2,4-Dimethylphenol	7.68	122	257109	40.088	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	391361	38.709	ng		99
29) 2,4-Dichlorophenol	7.88	162	213256	40.056	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	234395	39.715	ng		100
31) Naphthalene	8.05	128	823513	39.482	ng		100
32) Benzoic acid	7.79	122	139605	32.293	ng		87
33) 4-Chloroaniline	8.10	127	350808	39.880	ng		99
34) Hexachlorobutadiene	8.16	225	133731	38.808	ng		97
35) Caprolactam	8.47	113	72816m	40.231	ng		
36) 4-Chloro-3-methylphenol	8.58	107	261860	38.282	ng	#	82
37) 2-Methylnaphthalene	8.74	142	487337	38.109	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	210039	43.544	ng		99
40) Hexachlorocyclopentadiene	8.89	237	10830	4.673	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	135701	41.903	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	133580	41.577	ng		95
45) 1,1'-Biphenyl	9.20	154	603442	42.102	ng		97
46) 2-Chloronaphthalene	9.22	162	433833	40.965	ng	#	91
47) 2-Nitroaniline	9.32	65	183582	51.709	ng		94
48) Acenaphthylene	9.64	152	662200	39.819	ng		99
49) Dimethylphthalate	9.50	163	473085	41.177	ng		99
50) 2,6-Dinitrotoluene	9.56	165	91900	40.073	ng	#	57
51) Acenaphthene	9.81	154	397054	37.856	ng		99
52) 3-Nitroaniline	9.73	138	140175	47.375	ng		91
53) 2,4-Dinitrophenol	9.83	184	2011	11.752	ng	#	81
54) Dibenzofuran	9.98	168	543908	38.693	ng		99
55) 4-Nitrophenol	9.89	139	83325	35.303	ng	#	32
56) 2,4-Dinitrotoluene	9.96	165	108349	37.647	ng	#	47
57) Fluorene	10.32	166	412815	37.984	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	91823	36.915	ng		94
59) Diethylphthalate	10.20	149	460282	38.310	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	194839	38.589	ng		89
61) 4-Nitroaniline	10.34	138	134757	47.919	ng	#	68
62) Azobenzene	10.47	77	514241	36.033	ng		92
64) 4,6-Dinitro-2-methylphenol	10.37	198	4737	11.502	ng		90
65) n-Nitrosodiphenylamine	10.43	169	382066	42.955	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	114772	42.314	ng		98
67) Hexachlorobenzene	10.87	284	111724	40.412	ng	#	85
68) Atrazine	10.96	200	84601	35.866	ng		99
69) Pentachlorophenol	11.06	266	55632	34.513	ng		98
70) Phenanthrene	11.28	178	560876	40.297	ng		99
71) Anthracene	11.33	178	567184	40.177	ng		98
72) Carbazole	11.49	167	540883	40.364	ng		99
73) Di-n-butylphthalate	11.82	149	641642	41.570	ng		99
74) Fluoranthene	12.46	202	592660	40.795	ng		98
76) Benzidine	12.59	184	282875	38.294	ng		94
77) Pyrene	12.69	202	627782	34.069	ng		99
79) Butylbenzylphthalate	13.32	149	266014	37.653	ng	#	72
80) Benzo(a)anthracene	13.88	228	504815	37.385	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	206567	45.335	ng	#	96
82) Chrysene	13.92	228	507911	37.813	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	328754	41.994	ng	#	99
84) Di-n-octyl phthalate	14.49	149	650835	47.780	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	342544	34.666	ng		94
87) Benzo(b)fluoranthene	14.90	252	444588m	41.498	ng		
88) Benzo(k)fluoranthene	14.93	252	401763	39.916	ng	#	95
89) Benzo(a)pyrene	15.24	252	384637	40.555	ng		99
90) Dibenzo(a,h)anthracene	16.69	278	299951	38.847	ng		98
91) Benzo(g,h,i)perylene	17.09	276	300824	37.339	ng	#	93

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

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