Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098377.D
Acq On : 9 Sep 2017 11:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/11/2017 2:42:36 PM

Quant Time: Sep 11 04:44:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	104462	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	412646	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	188338	20.00	ng		-0.02
63) Phenanthrene-d10	11.19	188	359027	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	268505	20.00	ng		-0.04
86) Perylene-d12	15.23	264	202952	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	532842	77.59	ng		-0.02
7) Phenol-d6	6.33	99	703172	75.36	ng		-0.02
23) Nitrobenzene-d5	7.25	82	656296	86.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	145701	89.16	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	984719	76.82	ng		-0.03
78) Terphenyl-d14	12.78	244	958184	74.42	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	147167	38.424	ng	#	86
3) Pyridine	3.00	79	399427	37.724	ng	#	84
4) n-Nitrosodimethylamine	2.96	42	130725m	32.087	ng		
6) Aniline	6.35	93	453166	34.571	ng	#	47
8) 2-Chlorophenol	6.47	128	290885	40.163	ng		99
9) Benzaldehyde	6.23	77	196544	33.254	ng		93
10) Phenol	6.35	94	400699	36.717	ng		74
11) bis(2-Chloroethyl)ether	6.42	93	326718	39.665	ng		94
12) 1,3-Dichlorobenzene	6.62	146	317309m	40.730	ng		
13) 1,4-Dichlorobenzene	6.70	146	316106	39.895	ng		95
14) 1,2-Dichlorobenzene	6.85	146	288666	39.512	ng		98
15) Benzyl Alcohol	6.83	79	239262	34.248	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	380023	34.290	ng		60
17) 2-Methylphenol	6.95	107	247566	38.788	ng	#	92
18) Hexachloroethane	7.19	117	122636	39.478	ng	#	82
19) n-Nitroso-di-n-propylamine	7.10	70	232117	36.338	ng		89
20) 3+4-Methylphenols	7.11	107	323358	41.480	ng	#	65
22) Acetophenone	7.10	105	428188	39.279	ng	#	83
24) Nitrobenzene	7.27	77	352574	41.687	ng		96
25) Isophorone	7.51	82	600272	38.005	ng		98
26) 2-Nitrophenol	7.59	139	152872	49.684	ng		93
27) 2,4-Dimethylphenol	7.63	122	263907	40.063	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	410262	39.509	ng		99
29) 2,4-Dichlorophenol	7.83	162	230802	42.209	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	248981	41.075	ng		99
31) Naphthalene	7.99	128	847781	39.574	ng		100
32) Benzoic acid	7.79	122	175382	38.071	ng		93
33) 4-Chloroaniline	8.04	127	363168	40.197	ng		97
34) Hexachlorobutadiene	8.10	225	144792	40.911	ng		98
35) Caprolactam	8.42	113	80000	43.036	ng		92
36) 4-Chloro-3-methylphenol	8.53	107	281963	40.135	ng	#	79
37) 2-Methylnaphthalene	8.67	142	527462	40.160	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	233097	40.328	ng		99
40) Hexachlorocyclopentadiene	8.82	237	101810	36.665	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	155887	40.171	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	155525	40.398	ng		97
45) 1,1'-Biphenyl	9.14	154	678432	39.502	ng		95
46) 2-Chloronaphthalene	9.16	162	491752	38.751	ng	#	92
47) 2-Nitroaniline	9.27	65	185397	43.580	ng		90
48) Acenaphthylene	9.57	152	764906	38.384	ng		100
49) Dimethylphthalate	9.45	163	556386	40.415	ng		99
50) 2,6-Dinitrotoluene	9.51	165	121845	44.339	ng	#	75
51) Acenaphthene	9.75	154	465370	37.028	ng		99
52) 3-Nitroaniline	9.68	138	157110	44.313	ng		94
53) 2,4-Dinitrophenol	9.79	184	58822	49.436	ng	#	74
54) Dibenzofuran	9.92	168	627630	37.261	ng		96
55) 4-Nitrophenol	9.86	139	100402	35.499	ng	#	49
56) 2,4-Dinitrotoluene	9.92	165	147907	42.888	ng	#	62
57) Fluorene	10.26	166	521055	40.010	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	117530	39.431	ng		89
59) Diethylphthalate	10.14	149	550795	38.258	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	242420	40.069	ng		88
61) 4-Nitroaniline	10.29	138	158835	47.136	ng		80
62) Azobenzene	10.42	77	612460	35.814	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	87140	50.898	ng	#	72
65) n-Nitrosodiphenylamine	10.37	169	483122	39.516	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	153310	41.121	ng		96
67) Hexachlorobenzene	10.81	284	159608	42.001	ng		95
68) Atrazine	10.90	200	121462	37.461	ng		96
69) Pentachlorophenol	11.01	266	81992	37.006	ng		99
70) Phenanthrene	11.22	178	732653	38.296	ng		99
71) Anthracene	11.27	178	764794	39.413	ng		98
72) Carbazole	11.43	167	724795	39.350	ng		98
73) Di-n-butylphthalate	11.76	149	879924	41.474	ng		100
74) Fluoranthene	12.40	202	794443	39.784	ng		98
76) Benzidine	12.53	184	375173m	42.615	ng		
77) Pyrene	12.63	202	826227	37.623	ng		98
79) Butylbenzylphthalate	13.25	149	346565	41.161	ng	#	73
80) Benzo(a)anthracene	13.82	228	598350	37.182	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	234359	43.158	ng	#	95
82) Chrysene	13.86	228	594632	37.145	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	432712	46.378	ng	#	99
84) Di-n-octyl phthalate	14.42	149	735092	45.281	ng		97
85) Indeno(1,2,3-cd)pyrene	16.58	276	436547	37.070	ng		96
87) Benzo(b)fluoranthene	14.83	252	498601	38.975	ng		100
88) Benzo(k)fluoranthene	14.86	252	489528	40.730	ng	#	94
89) Benzo(a)pyrene	15.17	252	455643	40.233	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	376129	40.795	ng		99
91) Benzo(g,h,i)perylene	16.99	276	386062	40.130	ng		95

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

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