Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100427.D
Acq On : 11 Nov 2017 7:57
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:37 PM

Quant Time: Nov 13 08:31:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139028	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	534840	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	223077	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	358392	20.00	ng		0.00
75) Chrysene-d12	14.06	240	269934	20.00	ng		0.00
86) Perylene-d12	15.54	264	220113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	707577	81.58	ng		0.00
7) Phenol-d6	6.53	99	868060	81.16	ng		0.00
23) Nitrobenzene-d5	7.47	82	767433	94.86	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	169708	74.66	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1272928	86.89	ng		0.00
78) Terphenyl-d14	13.01	244	976957	83.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	175451	41.511	ng		95
3) Pyridine	3.47	79	476599	41.331	ng		95
4) n-Nitrosodimethylamine	3.42	42	229556	41.002	ng		97
6) Aniline	6.57	93	598592	39.617	ng		99
8) 2-Chlorophenol	6.69	128	378613	41.265	ng		98
9) Benzaldehyde	6.46	77	307312	40.236	ng		97
10) Phenol	6.54	94	451682	40.230	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	388805	41.228	ng		98
12) 1,3-Dichlorobenzene	6.85	146	425296	40.204	ng		97
13) 1,4-Dichlorobenzene	6.92	146	435910	40.714	ng		98
14) 1,2-Dichlorobenzene	7.07	146	397848	40.190	ng		97
15) Benzyl Alcohol	7.04	79	328255	39.326	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	499721	33.131	ng		98
17) 2-Methylphenol	7.15	107	311553	39.735	ng		99
18) Hexachloroethane	7.42	117	107743	30.521	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	276421	37.268	ng		93
20) 3+4-Methylphenols	7.30	107	379768	38.275	ng	#	83
22) Acetophenone	7.32	105	518230	39.736	ng	#	98
24) Nitrobenzene	7.49	77	399571	47.989	ng		100
25) Isophorone	7.72	82	674001	39.647	ng		99
26) 2-Nitrophenol	7.80	139	162416	42.320	ng		97
27) 2,4-Dimethylphenol	7.83	122	302910	39.748	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	467391	42.032	ng		99
29) 2,4-Dichlorophenol	8.04	162	299473	41.164	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	323155	41.064	ng		96
31) Naphthalene	8.21	128	1041610	40.434	ng		100
32) Benzoic acid	7.92	122	195706m	36.360	ng		
33) 4-Chloroaniline	8.25	127	434670	40.537	ng		98
34) Hexachlorobutadiene	8.32	225	192085	41.053	ng		100
35) Caprolactam	8.63	113	89432	35.820	ng		94
36) 4-Chloro-3-methylphenol	8.73	107	298636	38.221	ng		98
37) 2-Methylnaphthalene	8.90	142	662447	38.734	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	341549	46.166	ng	#	97
40) Hexachlorocyclopentadiene	9.05	237	18496	5.312	ng		93

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Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	200604	42.782	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	204782	42.153	ng		94
45) 1,1'-Biphenyl	9.36	154	834938	43.275	ng		99
46) 2-Chloronaphthalene	9.39	162	604277	43.172	ng		97
47) 2-Nitroaniline	9.48	65	200965	48.556	ng		96
48) Acenaphthylene	9.80	152	936960	40.393	ng		100
49) Dimethylphthalate	9.66	163	737498	43.300	ng		99
50) 2,6-Dinitrotoluene	9.72	165	143859	42.670	ng		92
51) Acenaphthene	9.97	154	549362	38.941	ng		99
52) 3-Nitroaniline	9.89	138	178305	44.787	ng		94
53) 2,4-Dinitrophenol	9.99	184	3414	10.966	ng	#	1
54) Dibenzofuran	10.15	168	788308	39.869	ng		99
55) 4-Nitrophenol	10.03	139	103789	32.107	ng		93
56) 2,4-Dinitrotoluene	10.12	165	170126	40.000	ng		91
57) Fluorene	10.49	166	567778	39.198	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	142025	35.670	ng	#	88
59) Diethylphthalate	10.36	149	708757	41.583	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	297953	41.932	ng		90
61) 4-Nitroaniline	10.50	138	155212	41.116	ng		92
62) Azobenzene	10.64	77	612608	38.161	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	10711	13.432	ng		81
65) n-Nitrosodiphenylamine	10.60	169	583518	46.825	ng		95
66) 4-Bromophenyl-phenylether	10.97	248	178151	46.370	ng	#	89
67) Hexachlorobenzene	11.03	284	177620	44.204	ng	#	91
68) Atrazine	11.12	200	166573	44.158	ng		98
69) Pentachlorophenol	11.23	266	105925	36.763	ng		98
70) Phenanthrene	11.45	178	774469	41.043	ng		99
71) Anthracene	11.50	178	774719	40.467	ng		99
72) Carbazole	11.66	167	684603	38.756	ng		99
73) Di-n-butylphthalate	11.98	149	986195	47.707	ng		99
74) Fluoranthene	12.64	202	761833	38.095	ng		97
76) Benzidine	12.76	184	369036	34.138	ng		99
77) Pyrene	12.87	202	782601	40.672	ng		99
79) Butylbenzylphthalate	13.48	149	352319	44.898	ng		99
80) Benzo(a)anthracene	14.06	228	682790	42.004	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	258417	44.370	ng		98
82) Chrysene	14.09	228	644027	40.914	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	497788	48.231	ng		100
84) Di-n-octyl phthalate	14.65	149	843626	47.581	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	468164	36.770	ng		96
87) Benzo(b)fluoranthene	15.11	252	587761	45.072	ng		99
88) Benzo(k)fluoranthene	15.14	252	504919	40.979	ng		98
89) Benzo(a)pyrene	15.48	252	479850	41.506	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	405236	42.861	ng		97
91) Benzo(g,h,i)perylene	17.49	276	378420	40.888	ng		95

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

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