Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097271.D
Acq On : 2 Aug 2017 14:05
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2017 6:07:59 PM

Quant Time: Aug 02 15:16:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	139492	20.00	ng		-0.01
21) Naphthalene-d8	7.74	136	584342	20.00	ng		-0.01
38) Acenaphthene-d10	9.48	164	232149	20.00	ng		-0.01
63) Phenanthrene-d10	10.95	188	377753	20.00	ng		-0.02
75) Chrysene-d12	13.58	240	245579	20.00	ng		-0.01
86) Perylene-d12	14.92	264	227594	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	701690	75.83	ng		-0.01
7) Phenol-d6	6.13	99	754675	71.44	ng		-0.02
23) Nitrobenzene-d5	7.03	82	714727	71.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.27	330	143555	78.27	ng		-0.02
44) 2-Fluorobiphenyl	8.82	172	1040484	76.06	ng		-0.02
78) Terphenyl-d14	12.54	244	929868	77.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	161886	41.923	ng	#	74
3) Pyridine	2.58	79	421996	35.689	ng	#	60
4) n-Nitrosodimethylamine	2.55	42	238831	36.459	ng		80
6) Aniline	6.12	93	486430	36.592	ng		94
8) 2-Chlorophenol	6.25	128	364216	36.810	ng		94
9) Benzaldehyde	6.00	77	243129	38.884	ng		97
10) Phenol	6.14	94	457841	36.539	ng		96
11) bis(2-Chloroethyl)ether	6.20	93	343028	34.614	ng		94
12) 1,3-Dichlorobenzene	6.39	146	398187	37.344	ng		99
13) 1,4-Dichlorobenzene	6.47	146	407846	38.596	ng		95
14) 1,2-Dichlorobenzene	6.62	146	341252	36.986	ng		99
15) Benzyl Alcohol	6.62	79	264826	39.596	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.74	45	701703	35.302	ng		64
17) 2-Methylphenol	6.75	107	278996	36.535	ng	#	89
18) Hexachloroethane	6.96	117	140428	36.325	ng	#	84
19) n-Nitroso-di-n-propylamine	6.89	70	249214	35.841	ng	#	85
20) 3+4-Methylphenols	6.90	107	372986	37.397	ng	#	64
22) Acetophenone	6.88	105	491726	35.041	ng		96
24) Nitrobenzene	7.05	77	378644	36.499	ng		96
25) Isophorone	7.29	82	773412	39.648	ng		98
26) 2-Nitrophenol	7.36	139	219482	39.106	ng	#	85
27) 2,4-Dimethylphenol	7.42	122	350049	37.809	ng		98
28) bis(2-Chloroethoxy)methane	7.50	93	499827	39.264	ng		99
29) 2,4-Dichlorophenol	7.62	162	292151	36.629	ng		97
30) 1,2,4-Trichlorobenzene	7.69	180	286326	37.663	ng		99
31) Naphthalene	7.76	128	1037430	37.663	ng		100
32) Benzoic acid	7.59	122	264701	38.288	ng		92
33) 4-Chloroaniline	7.82	127	425739	37.985	ng		99
34) Hexachlorobutadiene	7.88	225	140893	34.958	ng		97
35) Caprolactam	8.21	113	90688m	35.459	ng		
36) 4-Chloro-3-methylphenol	8.33	107	303136	34.837	ng		88
37) 2-Methylnaphthalene	8.45	142	594452	34.085	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	242160	39.094	ng		99
40) Hexachlorocyclopentadiene	8.60	237	60538	32.237	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	168672	37.576	ng		99
43) 2,4,5-Trichlorophenol	8.79	196	168675	37.542	ng		98
45) 1,1'-Biphenyl	8.92	154	744781	37.561	ng		98
46) 2-Chloronaphthalene	8.93	162	568043	38.929	ng	#	91
47) 2-Nitroaniline	9.05	65	202945	38.324	ng		90
48) Acenaphthylene	9.35	152	831315	37.117	ng		99
49) Dimethylphthalate	9.23	163	673214	38.188	ng		99
50) 2,6-Dinitrotoluene	9.29	165	145143	38.819	ng	#	73
51) Acenaphthene	9.52	154	504955	38.275	ng		100
52) 3-Nitroaniline	9.46	138	180158	38.819	ng		89
53) 2,4-Dinitrophenol	9.57	184	64855	38.149	ng	#	73
54) Dibenzofuran	9.69	168	702917	40.001	ng		97
55) 4-Nitrophenol	9.65	139	89891	32.570	ng	#	62
56) 2,4-Dinitrotoluene	9.69	165	179724	41.813	ng	#	61
57) Fluorene	10.03	166	545081	41.271	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	122926	39.625	ng	#	96
59) Diethylphthalate	9.92	149	624546	38.615	ng		99
60) 4-Chlorophenyl-phenylether	10.02	204	224416	41.148	ng		99
61) 4-Nitroaniline	10.07	138	168875	38.295	ng		92
62) Azobenzene	10.19	77	574238	38.272	ng		92
64) 4,6-Dinitro-2-methylphenol	10.10	198	102904	43.839	ng		89
65) n-Nitrosodiphenylamine	10.15	169	511885	38.946	ng		97
66) 4-Bromophenyl-phenylether	10.51	248	145991	38.726	ng		96
67) Hexachlorobenzene	10.57	284	164256	38.854	ng	#	86
68) Atrazine	10.68	200	150359	39.894	ng		94
69) Pentachlorophenol	10.78	266	60914	34.825	ng		97
70) Phenanthrene	10.98	178	777976	38.437	ng		98
71) Anthracene	11.03	178	787628	37.994	ng		99
72) Carbazole	11.19	167	789777	38.738	ng		99
73) Di-n-butylphthalate	11.53	149	1021947	40.551	ng		99
74) Fluoranthene	12.16	202	790177	39.851	ng		98
76) Benzidine	12.29	184	321576	35.291	ng	#	94
77) Pyrene	12.38	202	773174	38.457	ng		99
79) Butylbenzylphthalate	13.02	149	407867	39.882	ng	#	80
80) Benzo(a)anthracene	13.57	228	610052	38.392	ng		99
81) 3,3'-Dichlorobenzidine	13.54	252	228705	38.167	ng	#	96
82) Chrysene	13.60	228	602404	38.825	ng		100
83) Bis(2-ethylhexyl)phthalate	13.58	149	513747	38.475	ng		98
84) Di-n-octyl phthalate	14.19	149	930528	37.975	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.13	276	453390	34.077	ng		99
87) Benzo(b)fluoranthene	14.57	252	494707	36.160	ng		99
88) Benzo(k)fluoranthene	14.59	252	524109	40.202	ng	#	96
89) Benzo(a)pyrene	14.87	252	469551	37.500	ng		99
90) Dibenzo(a,h)anthracene	16.13	278	359390	35.001	ng		98
91) Benzo(g,h,i)perylene	16.48	276	393444	36.539	ng		99

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

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