Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097523.D
Acq On : 9 Aug 2017 18:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:08:55 PM

Quant Time: Aug 10 11:42:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	85576	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	381667	20.00	ng		-0.02
38) Acenaphthene-d10	9.43	164	163393	20.00	ng		-0.01
63) Phenanthrene-d10	10.90	188	271181	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	154190	20.00	ng		-0.02
86) Perylene-d12	14.86	264	147406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	446477m	78.65	ng		-0.02
7) Phenol-d6	6.07	99	505112	77.94	ng		-0.01
23) Nitrobenzene-d5	6.97	82	492539	75.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	103930	80.51	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	773091	80.30	ng		-0.01
78) Terphenyl-d14	12.48	244	670441	88.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	81894	34.570	ng	#	80
3) Pyridine	2.46	79	221025	30.469	ng	#	57
4) n-Nitrosodimethylamine	2.41	42	107466m	26.742	ng		
6) Aniline	6.06	93	296225	36.324	ng		99
8) 2-Chlorophenol	6.19	128	235153	38.740	ng		95
9) Benzaldehyde	5.95	77	157345	41.019	ng		98
10) Phenol	6.09	94	318654	41.453	ng		99
11) bis(2-Chloroethyl)ether	6.15	93	231670	38.105	ng		90
12) 1,3-Dichlorobenzene	6.33	146	268765	41.086	ng		98
13) 1,4-Dichlorobenzene	6.42	146	277614	42.824	ng		96
14) 1,2-Dichlorobenzene	6.57	146	235972	41.689	ng		97
15) Benzyl Alcohol	6.57	79	198792	48.450	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.69	45	514788	42.216	ng		84
17) 2-Methylphenol	6.70	107	201996	43.118	ng	#	88
18) Hexachloroethane	6.90	117	98764	41.643	ng	#	83
19) n-Nitroso-di-n-propylamine	6.84	70	186796	43.790	ng	#	83
20) 3+4-Methylphenols	6.86	107	275888	45.090	ng	#	62
22) Acetophenone	6.82	105	347954	37.963	ng	#	99
24) Nitrobenzene	6.99	77	268091	39.566	ng		97
25) Isophorone	7.24	82	460574	36.148	ng		96
26) 2-Nitrophenol	7.31	139	131348	35.830	ng	#	85
27) 2,4-Dimethylphenol	7.37	122	206262	34.109	ng		97
28) bis(2-Chloroethoxy)methane	7.45	93	294873	35.464	ng		99
29) 2,4-Dichlorophenol	7.57	162	200953	38.574	ng		97
30) 1,2,4-Trichlorobenzene	7.63	180	196518	39.576	ng		98
31) Naphthalene	7.70	128	722508	40.159	ng		99
32) Benzoic acid	7.57	122	145402m	32.200	ng		
33) 4-Chloroaniline	7.77	127	264844	36.178	ng		98
34) Hexachlorobutadiene	7.83	225	102120	38.792	ng		97
35) Caprolactam	8.16	113	68871m	41.229	ng		
36) 4-Chloro-3-methylphenol	8.28	107	240781	42.365	ng		85
37) 2-Methylnaphthalene	8.39	142	461914	40.550	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	179234	41.111	ng		98
40) Hexachlorocyclopentadiene	8.55	237	62184	44.019	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	125884	39.844	ng		96
43) 2,4,5-Trichlorophenol	8.75	196	119310	37.729	ng		98
45) 1,1'-Biphenyl	8.86	154	574974	41.199	ng		97
46) 2-Chloronaphthalene	8.88	162	419502	40.847	ng	#	92
47) 2-Nitroaniline	8.99	65	165135	44.306	ng		97
48) Acenaphthylene	9.29	152	645324	40.937	ng		100
49) Dimethylphthalate	9.17	163	500122	40.307	ng		99
50) 2,6-Dinitrotoluene	9.24	165	107768	40.951	ng	#	84
51) Acenaphthene	9.46	154	381201	41.054	ng		99
52) 3-Nitroaniline	9.40	138	125049	38.283	ng		99
53) 2,4-Dinitrophenol	9.53	184	65340	54.608	ng	#	70
54) Dibenzofuran	9.63	168	531967	43.012	ng		96
55) 4-Nitrophenol	9.62	139	100929m	51.958	ng		
56) 2,4-Dinitrotoluene	9.65	165	147109	48.627	ng	#	85
57) Fluorene	9.97	166	405990	43.675	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.77	232	88995	40.759	ng		97
59) Diethylphthalate	9.87	149	495972	43.570	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	166391	43.347	ng		98
61) 4-Nitroaniline	10.02	138	115159	37.103	ng		96
62) Azobenzene	10.13	77	463238	43.866	ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	69986	41.532	ng		86
65) n-Nitrosodiphenylamine	10.09	169	390506	41.387	ng		97
66) 4-Bromophenyl-phenylether	10.45	248	110110	40.687	ng		92
67) Hexachlorobenzene	10.52	284	121429	40.012	ng	#	86
68) Atrazine	10.63	200	102030	37.710	ng		92
69) Pentachlorophenol	10.73	266	95267	75.869	ng		97
70) Phenanthrene	10.92	178	586904	40.393	ng		99
71) Anthracene	10.97	178	601441	40.414	ng		99
72) Carbazole	11.14	167	582852	39.823	ng		99
73) Di-n-butylphthalate	11.48	149	698081	38.586	ng		98
74) Fluoranthene	12.10	202	535478	37.619	ng		99
76) Benzidine	12.25	184	43597	7.620	ng	#	57
77) Pyrene	12.33	202	560451	44.399	ng		99
79) Butylbenzylphthalate	12.96	149	252552	39.332	ng	#	84
80) Benzo(a)anthracene	13.52	228	393945	39.486	ng		98
81) 3,3'-Dichlorobenzidine	13.48	252	142118	37.775	ng	#	96
82) Chrysene	13.55	228	402432	41.309	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	372580	44.441	ng		98
84) Di-n-octyl phthalate	14.13	149	599236	38.949	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.05	276	389952	46.681	ng		98
87) Benzo(b)fluoranthene	14.52	252	363414	41.013	ng		98
88) Benzo(k)fluoranthene	14.54	252	337393	39.958	ng		97
89) Benzo(a)pyrene	14.81	252	321913	39.695	ng		98
90) Dibenzo(a,h)anthracene	16.05	278	314029	47.220	ng		97
91) Benzo(g,h,i)perylene	16.40	276	327086	46.901	ng		97

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

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