Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095499.D
Acq On : 27 May 2017 13:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2017 1:00:11 PM

Quant Time: May 29 01:36:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	155572	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	569443	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	276877	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	449409	20.00	ng		0.00
75) Chrysene-d12	18.68	240	335389	20.00	ng		0.00
86) Perylene-d12	20.35	264	299452	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	789748	84.63	ng		0.00
7) Phenol-d6	7.30	99	927114	82.81	ng		0.00
23) Nitrobenzene-d5	8.65	82	799818	88.57	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	180684	79.68	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	1395336	72.54	ng		0.00
78) Terphenyl-d14	17.32	244	1368438	89.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	169167	36.97	ng		94
3) Pyridine	2.87	79	403555	38.05	ng		99
4) n-Nitrosodimethylamine	2.80	42	155726	35.22	ng		87
6) Aniline	7.25	93	549062	38.85	ng		97
8) 2-Chlorophenol	7.44	128	446239	42.02	ng		95
9) Benzaldehyde	7.07	77	223761	32.73	ng		98
10) Phenol	7.31	94	440480	37.33	ng		87
11) bis(2-Chloroethyl)ether	7.38	93	391644	40.21	ng		96
12) 1,3-Dichlorobenzene	7.64	146	495501	41.13	ng		96
13) 1,4-Dichlorobenzene	7.77	146	488419	39.98	ng		97
14) 1,2-Dichlorobenzene	8.00	146	464463	40.73	ng		96
15) Benzyl Alcohol	8.04	79	329711	45.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	549393	39.85	ng		95
17) 2-Methylphenol	8.24	107	365079	42.00	ng		97
18) Hexachloroethane	8.51	117	160001	38.66	ng	#	86
19) n-Nitroso-di-n-propylamine	8.46	70	306532	40.48	ng		92
20) 3+4-Methylphenols	8.50	107	475553	40.26	ng	#	58
22) Acetophenone	8.42	105	605260	44.30	ng	#	83
24) Nitrobenzene	8.68	77	415618	43.91	ng		92
25) Isophorone	9.08	82	745020	46.20	ng		95
26) 2-Nitrophenol	9.18	139	241751	47.33	ng		99
27) 2,4-Dimethylphenol	9.32	122	375534	45.48	ng		98
28) bis(2-Chloroethoxy)methane	9.44	93	504995	45.27	ng		99
29) 2,4-Dichlorophenol	9.61	162	350519	44.96	ng		99
30) 1,2,4-Trichlorobenzene	9.69	180	358600	42.93	ng		99
31) Naphthalene	9.80	128	1130033	39.48	ng		100
32) Benzoic acid	9.70	122	216307	40.75	ng		87
33) 4-Chloroaniline	9.94	127	463532	43.46	ng	#	94
34) Hexachlorobutadiene	10.00	225	182538	41.41	ng		98
35) Caprolactam	10.60	113	103030m	44.01	ng		
36) 4-Chloro-3-methylphenol	10.80	107	387904	46.53	ng		89
37) 2-Methylnaphthalene	10.92	142	818350	43.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	331180	38.90	ng		99
40) Hexachlorocyclopentadiene	11.17	237	124473	38.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	231892	40.79	ng		100
43) 2,4,5-Trichlorophenol	11.52	196	208713	34.16	ng		94
45) 1,1'-Biphenyl	11.69	154	924619	39.66	ng		98
46) 2-Chloronaphthalene	11.71	162	744830	39.57	ng		96
47) 2-Nitroaniline	11.93	65	227373	44.13	ng	#	83
48) Acenaphthylene	12.37	152	1160722	39.37	ng		98
49) Dimethylphthalate	12.24	163	879881	38.71	ng		99
50) 2,6-Dinitrotoluene	12.34	165	186345	40.18	ng	#	93
51) Acenaphthene	12.65	154	675296	38.35	ng		99
52) 3-Nitroaniline	12.62	138	211047	42.40	ng		87
53) 2,4-Dinitrophenol	12.84	184	79417	34.91	ng	#	68
54) Dibenzofuran	12.94	168	975269	40.02	ng		97
55) 4-Nitrophenol	13.04	139	98628m	32.99	ng		
56) 2,4-Dinitrotoluene	13.01	165	262294	44.02	ng	#	91
57) Fluorene	13.49	166	817238	38.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	153683	39.96	ng	#	82
59) Diethylphthalate	13.38	149	852983	39.15	ng		100
60) 4-Chlorophenyl-phenylether	13.51	204	362375	38.91	ng		89
61) 4-Nitroaniline	13.62	138	178976	39.17	ng		94
62) Azobenzene	13.77	77	703931	40.21	ng		93
64) 4,6-Dinitro-2-methylphenol	13.69	198	136690	45.37	ng	#	65
65) n-Nitrosodiphenylamine	13.72	169	708858	43.46	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	211346	44.51	ng		99
67) Hexachlorobenzene	14.39	284	207172	42.58	ng	#	85
68) Atrazine	14.65	200	165044	35.84	ng		98
69) Pentachlorophenol	14.75	266	93744	45.35	ng		92
70) Phenanthrene	15.04	178	1006814	38.99	ng		98
71) Anthracene	15.12	178	1063335	40.31	ng		98
72) Carbazole	15.41	167	1052015	43.84	ng		98
73) Di-n-butylphthalate	15.96	149	1335968	44.64	ng		99
74) Fluoranthene	16.78	202	1186107	44.78	ng		99
76) Benzidine	17.02	184	98700	15.98	ng	#	94
77) Pyrene	17.08	202	1209733m	48.23	ng		
79) Butylbenzylphthalate	17.98	149	565244	48.45	ng		88
80) Benzo(a)anthracene	18.67	228	762854	39.08	ng		99
81) 3,3'-Dichlorobenzidine	18.64	252	264054	39.17	ng	#	96
82) Chrysene	18.71	228	733707	38.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	619045	37.24	ng	#	100
84) Di-n-octyl phthalate	19.49	149	1181546	43.35	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	536716	35.02	ng		100
87) Benzo(b)fluoranthene	19.94	252	707795	38.25	ng		98
88) Benzo(k)fluoranthene	19.97	252	762401	42.71	ng	#	96
89) Benzo(a)pyrene	20.29	252	663798	38.88	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	452225	32.07	ng		97
91) Benzo(g,h,i)perylene	22.06	276	508829	36.77	ng		99

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

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