Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093363.D
Acq On : 3 Mar 2017 17:20
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:17 PM

Quant Time: Mar 03 22:53:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140509	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	581971	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	292218	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	539685	20.00	ng		-0.07
75) Chrysene-d12	13.95	240	402272	20.00	ng		-0.07
86) Perylene-d12	15.37	264	270465	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	718403	87.72	ng		-0.07
7) Phenol-d6	6.44	99	862565	81.85	ng		-0.05
23) Nitrobenzene-d5	7.37	82	815205	78.00	ng		-0.06
41) 2,4,6-Tribromophenol	10.61	330	163067	77.15	ng		-0.07
44) 2-Fluorobiphenyl	9.15	172	1315220	81.54	ng		-0.07
78) Terphenyl-d14	12.89	244	1233406	72.04	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	165397	37.37	ng	#	84
3) Pyridine	3.01	79	480805	42.73	ng		87
4) n-Nitrosodimethylamine	2.97	42	234220	44.33	ng		89
6) Aniline	6.45	93	551890	38.39	ng		87
8) 2-Chlorophenol	6.57	128	360816	39.93	ng		86
9) Benzaldehyde	6.33	77	258785	34.28	ng		89
10) Phenol	6.45	94	515500	41.81	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	383557	38.98	ng		93
12) 1,3-Dichlorobenzene	6.73	146	421574	39.84	ng		99
13) 1,4-Dichlorobenzene	6.81	146	438313m	40.92	ng		
14) 1,2-Dichlorobenzene	6.96	146	417582	40.77	ng		96
15) Benzyl Alcohol	6.94	79	300335	38.50	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	657205	38.44	ng		80
17) 2-Methylphenol	7.06	107	311015	40.12	ng		94
18) Hexachloroethane	7.30	117	142776	39.05	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	263478	39.28	ng		94
20) 3+4-Methylphenols	7.22	107	423415	45.69	ng	#	76
22) Acetophenone	7.21	105	532439	40.07	ng	#	97
24) Nitrobenzene	7.38	77	400923	37.36	ng		99
25) Isophorone	7.62	82	750302	38.53	ng		95
26) 2-Nitrophenol	7.70	139	219240	42.98	ng		94
27) 2,4-Dimethylphenol	7.74	122	336818	37.60	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	511546	39.66	ng		99
29) 2,4-Dichlorophenol	7.95	162	323017	38.66	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	338352	37.58	ng		95
31) Naphthalene	8.10	128	1145045	38.81	ng		100
32) Benzoic acid	7.88	122	162175	34.35	ng		96
33) 4-Chloroaniline	8.16	127	451269	39.00	ng		99
34) Hexachlorobutadiene	8.21	225	185526	37.45	ng		99
35) Caprolactam	8.53	113	105067	39.98	ng	#	39
36) 4-Chloro-3-methylphenol	8.65	107	342302	39.30	ng		100
37) 2-Methylnaphthalene	8.78	142	692424	36.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	345101	42.07	ng		100
40) Hexachlorocyclopentadiene	8.93	237	118136	31.92	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	210061	38.97	ng		89
43) 2,4,5-Trichlorophenol	9.13	196	231002	39.12	ng	#	84
45) 1,1'-Biphenyl	9.25	154	921298	43.54	ng		98
46) 2-Chloronaphthalene	9.28	162	699408	42.25	ng		98
47) 2-Nitroaniline	9.38	65	229922	41.31	ng		97
48) Acenaphthylene	9.69	152	1143232	39.98	ng		99
49) Dimethylphthalate	9.55	163	799028	40.60	ng		98
50) 2,6-Dinitrotoluene	9.62	165	172352	40.55	ng	#	60
51) Acenaphthene	9.86	154	691201	40.43	ng		98
52) 3-Nitroaniline	9.79	138	205064	42.15	ng		94
53) 2,4-Dinitrophenol	9.92	184	67548	34.12	ng	#	81
54) Dibenzofuran	10.03	168	908693	39.74	ng		94
55) 4-Nitrophenol	9.97	139	116223	33.17	ng		89
56) 2,4-Dinitrotoluene	10.03	165	214143	37.84	ng	#	83
57) Fluorene	10.37	166	806500	45.84	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	170880	43.37	ng		96
59) Diethylphthalate	10.25	149	794262	42.82	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	348579	41.24	ng		91
61) 4-Nitroaniline	10.41	138	226176	45.39	ng		94
62) Azobenzene	10.52	77	857595	44.75	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	115180	35.78	ng	#	46
65) n-Nitrosodiphenylamine	10.49	169	696316	40.39	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	214697	38.08	ng		92
67) Hexachlorobenzene	10.92	284	196172	35.21	ng	#	87
68) Atrazine	11.01	200	186883	33.78	ng		99
69) Pentachlorophenol	11.13	266	80448	32.65	ng		97
70) Phenanthrene	11.33	178	1134540	36.69	ng		99
71) Anthracene	11.39	178	1185862	38.19	ng		97
72) Carbazole	11.55	167	1188290	40.04	ng		98
73) Di-n-butylphthalate	11.87	149	1298263	40.44	ng	#	97
74) Fluoranthene	12.52	202	1099734	34.48	ng		97
76) Benzidine	12.65	184	633114	36.93	ng		97
77) Pyrene	12.75	202	1112856	36.97	ng		99
79) Butylbenzylphthalate	13.37	149	503861	41.22	ng	#	74
80) Benzo(a)anthracene	13.94	228	921643	37.46	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	317665	36.22	ng	#	95
82) Chrysene	13.97	228	761121	33.04	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	619272	37.04	ng		100
84) Di-n-octyl phthalate	14.53	149	955429	35.09	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.75	276	631408	35.39	ng		95
87) Benzo(b)fluoranthene	14.97	252	816107m	45.84	ng		
88) Benzo(k)fluoranthene	14.99	252	530050m	34.48	ng		
89) Benzo(a)pyrene	15.31	252	628272	40.80	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	544887	43.78	ng		98
91) Benzo(g,h,i)perylene	17.16	276	565748	45.00	ng	#	94

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

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