Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093074.D
Acq On : 22 Feb 2017 14:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/23/2017 1:15:57 PM

Quant Time: Feb 23 00:05:12 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	6.84	152	176988	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	734416	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	387461	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	598620	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	504987	20.00	ng		-0.02
86) Perylene-d12	15.41	264	360825	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	840004	81.43	ng		-0.02
7) Phenol-d6	6.49	99	1112265	83.79	ng		0.00
23) Nitrobenzene-d5	7.41	82	1012308	76.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	219351	78.27	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1634980	76.45	ng		-0.01
78) Terphenyl-d14	12.95	244	1665078	77.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	227314	40.78	ng	#	85
3) Pyridine	3.12	79	620844	43.80	ng		88
4) n-Nitrosodimethylamine	3.08	42	267523	40.20	ng		85
6) Aniline	6.51	93	786841	43.46	ng	#	44
8) 2-Chlorophenol	6.62	128	456486	40.11	ng		92
9) Benzaldehyde	6.38	77	327688	34.46	ng		89
10) Phenol	6.50	94	683294	44.00	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	473533	38.20	ng		91
12) 1,3-Dichlorobenzene	6.78	146	562756	42.22	ng		97
13) 1,4-Dichlorobenzene	6.86	146	567908	42.09	ng		93
14) 1,2-Dichlorobenzene	7.01	146	487138	37.76	ng		98
15) Benzyl Alcohol	6.99	79	355691	36.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	868220	40.32	ng		95
17) 2-Methylphenol	7.12	107	421288	43.15	ng		97
18) Hexachloroethane	7.36	117	191095	41.49	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	335115	39.66	ng		95
20) 3+4-Methylphenols	7.26	107	444320	38.06	ng	#	80
22) Acetophenone	7.26	105	630378	37.59	ng	#	93
24) Nitrobenzene	7.44	77	553192	40.85	ng		98
25) Isophorone	7.68	82	986157	40.13	ng		97
26) 2-Nitrophenol	7.76	139	271993	42.25	ng	#	78
27) 2,4-Dimethylphenol	7.79	122	410841	36.34	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	613665	37.70	ng		98
29) 2,4-Dichlorophenol	8.00	162	423949	40.21	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	444779	39.14	ng		97
31) Naphthalene	8.16	128	1453137	39.03	ng		99
32) Benzoic acid	7.94	122	231235	37.88	ng		92
33) 4-Chloroaniline	8.20	127	557062	38.15	ng	#	93
34) Hexachlorobutadiene	8.27	225	238027	38.08	ng		99
35) Caprolactam	8.59	113	131203	39.56	ng	#	42
36) 4-Chloro-3-methylphenol	8.69	107	430158	39.13	ng		98
37) 2-Methylnaphthalene	8.84	142	886881	37.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	430410	39.57	ng		99
40) Hexachlorocyclopentadiene	8.99	237	194591	39.65	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	277841	38.88	ng		96
43) 2,4,5-Trichlorophenol	9.16	196	293715	37.51	ng		95
45) 1,1'-Biphenyl	9.31	154	1128396	40.22	ng		99
46) 2-Chloronaphthalene	9.33	162	914510	41.67	ng		98
47) 2-Nitroaniline	9.42	65	284398	38.54	ng		92
48) Acenaphthylene	9.74	152	1416370	37.36	ng		99
49) Dimethylphthalate	9.61	163	936410	35.88	ng		99
50) 2,6-Dinitrotoluene	9.68	165	245533	43.56	ng		95
51) Acenaphthene	9.92	154	815986	36.00	ng		96
52) 3-Nitroaniline	9.85	138	283244	43.91	ng	#	76
53) 2,4-Dinitrophenol	9.95	184	118469	43.61	ng	#	74
54) Dibenzofuran	10.09	168	1153035	38.03	ng		94
55) 4-Nitrophenol	10.01	139	163694	35.24	ng		93
56) 2,4-Dinitrotoluene	10.08	165	266683	35.54	ng		96
57) Fluorene	10.43	166	964292	41.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	206453	39.52	ng		97
59) Diethylphthalate	10.30	149	974765	39.63	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	412778	36.83	ng		88
61) 4-Nitroaniline	10.45	138	249678	37.79	ng		93
62) Azobenzene	10.58	77	1046067	41.17	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	174287	47.84	ng		81
65) n-Nitrosodiphenylamine	10.54	169	825034	43.14	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	257941	41.24	ng	#	78
67) Hexachlorobenzene	10.97	284	242058	39.17	ng	#	73
68) Atrazine	11.07	200	275016	44.81	ng		96
69) Pentachlorophenol	11.17	266	132640	45.03	ng		95
70) Phenanthrene	11.39	178	1371059	39.98	ng		97
71) Anthracene	11.44	178	1339526	38.89	ng		99
72) Carbazole	11.60	167	1405719	42.70	ng		99
73) Di-n-butylphthalate	11.92	149	1386166	38.93	ng		98
74) Fluoranthene	12.57	202	1255425	35.49	ng		99
76) Benzidine	12.69	184	765560	35.58	ng		98
77) Pyrene	12.80	202	1307831	34.61	ng		99
79) Butylbenzylphthalate	13.41	149	628179	40.93	ng		88
80) Benzo(a)anthracene	13.99	228	1069780	34.64	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	434765	39.49	ng	#	95
82) Chrysene	14.02	228	991860m	34.30	ng		
83) Bis(2-ethylhexyl)phthalate	13.97	149	845735	40.30	ng	#	96
84) Di-n-octyl phthalate	14.58	149	1319679	38.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	779852	34.82	ng	#	94
87) Benzo(b)fluoranthene	15.01	252	1038324m	43.72	ng		
88) Benzo(k)fluoranthene	15.04	252	758618m	37.00	ng		
89) Benzo(a)pyrene	15.36	252	826181	40.22	ng		97
90) Dibenzo(a,h)anthracene	16.82	278	669992	40.35	ng	#	95
91) Benzo(g,h,i)perylene	17.23	276	690738	41.18	ng	#	92

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

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