Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095947.D
Acq On : 15 Jun 2017 5:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2017 3:56:01 PM

Quant Time: Jun 15 06:36:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69591	20.00	ng		-0.06
21) Naphthalene-d8	9.37	136	271197	20.00	ng		-0.06
38) Acenaphthene-d10	12.19	164	105339	20.00	ng		-0.06
63) Phenanthrene-d10	14.58	188	158001	20.00	ng		-0.06
75) Chrysene-d12	18.30	240	138701	20.00	ng		-0.05
86) Perylene-d12	19.97	264	99767	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	378608	86.69	ng		-0.06
7) Phenol-d6	6.92	99	427837	81.83	ng		-0.04
23) Nitrobenzene-d5	8.26	82	369021	84.51	ng		-0.06
41) 2,4,6-Tribromophenol	13.49	330	65871	70.68	ng		-0.06
44) 2-Fluorobiphenyl	11.15	172	665354	87.90	ng		-0.06
78) Terphenyl-d14	16.96	244	448920	80.32	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	85001	40.91	ng		92
3) Pyridine	2.17	79	195703	40.08	ng		94
4) n-Nitrosodimethylamine	2.16	42	76962	41.46	ng	#	77
6) Aniline	6.83	93	275668	40.30	ng		96
8) 2-Chlorophenol	7.03	128	191546	41.25	ng		97
9) Benzaldehyde	6.64	77	138276	39.21	ng		99
10) Phenol	6.93	94	230507	42.50	ng		89
11) bis(2-Chloroethyl)ether	6.98	93	188046	43.77	ng		97
12) 1,3-Dichlorobenzene	7.23	146	217720	41.42	ng		100
13) 1,4-Dichlorobenzene	7.36	146	223360	41.91	ng		97
14) 1,2-Dichlorobenzene	7.60	146	206869	42.10	ng		95
15) Benzyl Alcohol	7.65	79	142693	39.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.85	45	248892	41.23	ng		97
17) 2-Methylphenol	7.89	107	158416	40.65	ng		92
18) Hexachloroethane	8.11	117	59029	33.53	ng	#	83
19) n-Nitroso-di-n-propylamine	8.08	70	137668	41.55	ng		93
20) 3+4-Methylphenols	8.15	107	201273	40.69	ng	#	56
22) Acetophenone	8.03	105	269933	42.52	ng	#	84
24) Nitrobenzene	8.29	77	198239	42.50	ng		90
25) Isophorone	8.69	82	334746	41.05	ng		96
26) 2-Nitrophenol	8.80	139	87030	35.63	ng		95
27) 2,4-Dimethylphenol	8.96	122	152693	40.28	ng		99
28) bis(2-Chloroethoxy)methane	9.07	93	223579	41.60	ng		99
29) 2,4-Dichlorophenol	9.24	162	139872	38.31	ng		98
30) 1,2,4-Trichlorobenzene	9.30	180	158540	41.73	ng		98
31) Naphthalene	9.40	128	549242	40.35	ng		99
32) Benzoic acid	9.31	122	49996	23.97	ng		84
33) 4-Chloroaniline	9.56	127	206197	38.76	ng	#	92
34) Hexachlorobutadiene	9.62	225	83076	42.32	ng		98
35) Caprolactam	10.19	113	42604	39.22	ng		94
36) 4-Chloro-3-methylphenol	10.44	107	133106	34.83	ng		91
37) 2-Methylnaphthalene	10.53	142	357439	38.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	141715	44.95	ng		98
42) 2,4,6-Trichlorophenol	11.04	196	84419	41.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.14	196	77927	36.14	ng		94
45) 1,1'-Biphenyl	11.30	154	390212	44.95	ng		97
46) 2-Chloronaphthalene	11.31	162	286708	42.27	ng		94
47) 2-Nitroaniline	11.54	65	78833	39.71	ng	#	77
48) Acenaphthylene	11.96	152	458137	39.50	ng		98
49) Dimethylphthalate	11.86	163	331251	41.42	ng		97
50) 2,6-Dinitrotoluene	11.95	165	64734	37.11	ng	#	78
51) Acenaphthene	12.24	154	271153	40.47	ng		98
52) 3-Nitroaniline	12.22	138	75419	37.11	ng		87
54) Dibenzofuran	12.53	168	374351	39.70	ng		96
55) 4-Nitrophenol	12.69	139	34975m	32.39	ng		
56) 2,4-Dinitrotoluene	12.63	165	84912	36.04	ng		95
57) Fluorene	13.08	166	312078	38.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.79	232	47435	32.16	ng	#	97
59) Diethylphthalate	12.99	149	309339	40.19	ng		99
60) 4-Chlorophenyl-phenylether	13.11	204	142070	39.81	ng		90
61) 4-Nitroaniline	13.22	138	72061	37.97	ng		94
62) Azobenzene	13.37	77	257095	36.85	ng		94
65) n-Nitrosodiphenylamine	13.32	169	247895	43.66	ng		99
66) 4-Bromophenyl-phenylether	13.89	248	72336	44.05	ng		98
67) Hexachlorobenzene	13.98	284	71433	44.15	ng	#	92
68) Atrazine	14.24	200	62500	39.56	ng		96
69) Pentachlorophenol	14.36	266	17564	32.87	ng		94
70) Phenanthrene	14.62	178	376853	41.34	ng		98
71) Anthracene	14.70	178	391745	41.16	ng		97
72) Carbazole	15.01	167	381410	41.12	ng		98
73) Di-n-butylphthalate	15.60	149	447282	45.33	ng		99
74) Fluoranthene	16.40	202	382674	42.41	ng		98
76) Benzidine	16.64	184	180115	33.81	ng	#	93
77) Pyrene	16.70	202	403925	39.03	ng		99
79) Butylbenzylphthalate	17.63	149	187581	41.50	ng		88
80) Benzo(a)anthracene	18.29	228	329822	40.90	ng		98
81) 3,3'-Dichlorobenzidine	18.28	252	115506	40.29	ng	#	96
82) Chrysene	18.34	228	322552	40.02	ng		99
83) Bis(2-ethylhexyl)phthalate	18.38	149	277914	43.59	ng	#	99
84) Di-n-octyl phthalate	19.14	149	459866	43.77	ng		96
85) Indeno(1,2,3-cd)pyrene	21.13	276	221231	32.08	ng		99
87) Benzo(b)fluoranthene	19.57	252	269089	43.07	ng		97
88) Benzo(k)fluoranthene	19.60	252	267286	44.76	ng	#	95
89) Benzo(a)pyrene	19.91	252	242155	42.17	ng		99
90) Dibenzo(a,h)anthracene	21.13	278	188414	38.68	ng		96
91) Benzo(g,h,i)perylene	21.47	276	187777	37.82	ng		96

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

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