Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093147.D
Acq On : 24 Feb 2017 16:19
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/27/2017 1:07:26 PM

Quant Time: Feb 24 22:12:43 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	6.83	152	179299	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	748523	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	405356	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	679566	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	568918	20.00	ng		-0.01
86) Perylene-d12	15.44	264	468306	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	924279	88.44	ng		-0.02
7) Phenol-d6	6.48	99	1126644	83.78	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1060193	78.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	222576	75.92	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1623205	72.55	ng		-0.01
78) Terphenyl-d14	12.96	244	1858354	76.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	228976	40.55	ng	#	83
3) Pyridine	3.10	79	676209	47.09	ng		88
4) n-Nitrosodimethylamine	3.07	42	297054	44.06	ng		89
6) Aniline	6.50	93	796922	43.45	ng	#	56
8) 2-Chlorophenol	6.62	128	496579	43.07	ng		91
9) Benzaldehyde	6.38	77	347585	36.08	ng		98
10) Phenol	6.49	94	594652	37.80	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	560370	44.62	ng		98
12) 1,3-Dichlorobenzene	6.77	146	553782m	41.01	ng		
13) 1,4-Dichlorobenzene	6.85	146	578757	42.34	ng		96
14) 1,2-Dichlorobenzene	7.01	146	506219m	38.73	ng		
15) Benzyl Alcohol	6.99	79	405839	40.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	950247	43.56	ng		99
17) 2-Methylphenol	7.10	107	439999	44.48	ng		98
18) Hexachloroethane	7.34	117	192659	41.29	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	374064	43.70	ng		99
20) 3+4-Methylphenols	7.26	107	534670	45.21	ng	#	87
22) Acetophenone	7.25	105	658442	38.53	ng	#	95
24) Nitrobenzene	7.44	77	571125	41.38	ng	#	80
25) Isophorone	7.68	82	1079591	43.10	ng		99
26) 2-Nitrophenol	7.74	139	268908	40.99	ng		95
27) 2,4-Dimethylphenol	7.79	122	467677	40.59	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	640414	38.61	ng		99
29) 2,4-Dichlorophenol	8.00	162	438017	40.76	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	464016	40.07	ng		99
31) Naphthalene	8.16	128	1509662	39.79	ng		99
32) Benzoic acid	7.94	122	263442	41.49	ng		98
33) 4-Chloroaniline	8.20	127	578894	38.90	ng		95
34) Hexachlorobutadiene	8.27	225	247420	38.83	ng		99
35) Caprolactam	8.59	113	143632	42.49	ng	#	33
36) 4-Chloro-3-methylphenol	8.69	107	435181	38.84	ng		97
37) 2-Methylnaphthalene	8.84	142	960475	39.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	468934	41.21	ng		98
40) Hexachlorocyclopentadiene	8.99	237	202606	39.47	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	299451	40.05	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	319688	39.02	ng	#	85
45) 1,1'-Biphenyl	9.31	154	1226401	41.78	ng		98
46) 2-Chloronaphthalene	9.33	162	935132	40.73	ng		98
47) 2-Nitroaniline	9.44	65	351713	45.56	ng		92
48) Acenaphthylene	9.74	152	1395704	35.19	ng		99
49) Dimethylphthalate	9.62	163	1132245	41.47	ng		100
50) 2,6-Dinitrotoluene	9.68	165	225931	38.32	ng	#	78
51) Acenaphthene	9.92	154	807905	34.07	ng		96
52) 3-Nitroaniline	9.85	138	268274	39.76	ng		99
53) 2,4-Dinitrophenol	9.96	184	135183	47.13	ng	#	89
54) Dibenzofuran	10.09	168	1059057	33.39	ng		97
55) 4-Nitrophenol	10.02	139	192024	39.51	ng		88
56) 2,4-Dinitrotoluene	10.09	165	311751	39.71	ng	#	88
57) Fluorene	10.43	166	911004	37.33	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	234091	42.84	ng		97
59) Diethylphthalate	10.30	149	983428	38.22	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	410307	35.00	ng		94
61) 4-Nitroaniline	10.46	138	287721	41.63	ng		93
62) Azobenzene	10.58	77	1043948	39.27	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	191033	46.28	ng		94
65) n-Nitrosodiphenylamine	10.54	169	812086	37.41	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	258245	36.37	ng		97
67) Hexachlorobenzene	10.98	284	263782	37.60	ng	#	92
68) Atrazine	11.07	200	263782	37.86	ng		99
69) Pentachlorophenol	11.17	266	141402	42.73	ng		99
70) Phenanthrene	11.39	178	1345742	34.57	ng		99
71) Anthracene	11.45	178	1591285	40.70	ng		99
72) Carbazole	11.60	167	1472321	39.39	ng		99
73) Di-n-butylphthalate	11.93	149	1528602	37.82	ng	#	98
74) Fluoranthene	12.58	202	1485716	37.00	ng		97
76) Benzidine	12.71	184	863062	35.60	ng		98
77) Pyrene	12.81	202	1475115	34.65	ng		99
79) Butylbenzylphthalate	13.43	149	712584	41.21	ng		90
80) Benzo(a)anthracene	14.00	228	1279944	36.78	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	481556	38.82	ng	#	97
82) Chrysene	14.03	228	1160600	35.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	948485	40.11	ng	#	96
84) Di-n-octyl phthalate	14.59	149	1515420	39.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	927719	36.76	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	1103174m	35.79	ng		
88) Benzo(k)fluoranthene	15.06	252	1137734m	42.75	ng		
89) Benzo(a)pyrene	15.38	252	1027738	38.55	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	799125	37.08	ng		96
91) Benzo(g,h,i)perylene	17.27	276	792079	36.38	ng	#	89

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

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