Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093892.D
Acq On : 23 Mar 2017 21:48
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/24/2017 4:10:50 PM

Quant Time: Mar 24 12:59:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	165237	20.00	ng		-0.01
21) Naphthalene-d8	7.49	136	672291	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	299260	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	487008	20.00	ng		-0.01
75) Chrysene-d12	14.71	240	284880	20.00	ng		0.00
86) Perylene-d12	16.34	264	286689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	786878	80.43	ng		0.00
7) Phenol-d6	5.57	99	977513	80.77	ng		0.00
23) Nitrobenzene-d5	6.63	82	940708	79.85	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	191637	81.04	ng		0.00
44) 2-Fluorobiphenyl	8.81	172	1609103	82.01	ng		-0.01
78) Terphenyl-d14	13.43	244	1233552	97.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	186626	39.71	ng		96
3) Pyridine	2.84	79	506360	39.53	ng		98
4) n-Nitrosodimethylamine	2.79	42	206454	39.17	ng		89
6) Aniline	5.60	93	669938	39.79	ng		98
8) 2-Chlorophenol	5.74	128	441164	41.03	ng		96
9) Benzaldehyde	5.47	77	319562	39.10	ng		98
10) Phenol	5.59	94	548396	39.82	ng		98
11) bis(2-Chloroethyl)ether	5.68	93	428260	39.79	ng		99
12) 1,3-Dichlorobenzene	5.91	146	486598	40.34	ng		98
13) 1,4-Dichlorobenzene	6.00	146	489526	40.07	ng		97
14) 1,2-Dichlorobenzene	6.17	146	454883	40.43	ng		97
15) Benzyl Alcohol	6.15	79	359807	40.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	633972	38.23	ng		98
17) 2-Methylphenol	6.28	107	370043	40.18	ng		95
18) Hexachloroethane	6.57	117	173835	40.48	ng	#	83
19) n-Nitroso-di-n-propylamine	6.46	70	300592	38.64	ng		98
20) 3+4-Methylphenols	6.46	107	454966	40.79	ng	#	68
22) Acetophenone	6.45	105	604525	40.35	ng	#	90
24) Nitrobenzene	6.65	77	463488	39.89	ng		95
25) Isophorone	6.95	82	809609	39.11	ng	#	94
26) 2-Nitrophenol	7.03	139	243162	43.89	ng		98
27) 2,4-Dimethylphenol	7.09	122	381877	40.00	ng		99
28) bis(2-Chloroethoxy)methane	7.20	93	533689	39.10	ng		100
29) 2,4-Dichlorophenol	7.32	162	361621	40.51	ng		100
30) 1,2,4-Trichlorobenzene	7.42	180	369793	40.22	ng		98
31) Naphthalene	7.51	128	1289070	39.88	ng		100
32) Benzoic acid	7.23	122	246684	38.81	ng		92
33) 4-Chloroaniline	7.57	127	521297	39.79	ng		95
34) Hexachlorobutadiene	7.67	225	189668	40.23	ng		98
35) Caprolactam	8.03	113	112613	39.56	ng		97
36) 4-Chloro-3-methylphenol	8.18	107	369892	39.66	ng		88
37) 2-Methylnaphthalene	8.35	142	859733	39.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	333287	40.71	ng		100
40) Hexachlorocyclopentadiene	8.55	237	147083	38.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	240616	41.54	ng		98
43) 2,4,5-Trichlorophenol	8.75	196	253304	40.42	ng		92
45) 1,1'-Biphenyl	8.93	154	978102	40.52	ng		98
46) 2-Chloronaphthalene	8.95	162	757769	40.10	ng		96
47) 2-Nitroaniline	9.07	65	224932	40.13	ng	#	81
48) Acenaphthylene	9.46	152	1254163	39.94	ng		99
49) Dimethylphthalate	9.32	163	852781	40.09	ng		99
50) 2,6-Dinitrotoluene	9.38	165	201851	41.39	ng		94
51) Acenaphthene	9.67	154	714876	39.01	ng		98
52) 3-Nitroaniline	9.58	138	219158	38.27	ng		91
53) 2,4-Dinitrophenol	9.70	184	72855	30.95	ng	#	73
54) Dibenzofuran	9.88	168	988298	39.62	ng		100
55) 4-Nitrophenol	9.80	139	147948	32.99	ng	#	69
56) 2,4-Dinitrotoluene	9.87	165	250241	40.85	ng	#	82
57) Fluorene	10.30	166	785638	37.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	170065	39.55	ng		99
59) Diethylphthalate	10.19	149	840553	39.98	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	342447	38.86	ng		92
61) 4-Nitroaniline	10.33	138	195190	35.52	ng		97
62) Azobenzene	10.50	77	767512	38.59	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	111715	37.46	ng	#	68
65) n-Nitrosodiphenylamine	10.46	169	697089	41.39	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	205055	42.81	ng		99
67) Hexachlorobenzene	10.98	284	211812	43.68	ng	#	86
68) Atrazine	11.13	200	199613	39.57	ng		96
69) Pentachlorophenol	11.22	266	110195	36.51	ng		99
70) Phenanthrene	11.49	178	1085341	40.06	ng		99
71) Anthracene	11.55	178	1120691	40.18	ng		98
72) Carbazole	11.75	167	1016906	35.55	ng		97
73) Di-n-butylphthalate	12.20	149	1227871	41.28	ng		99
74) Fluoranthene	12.94	202	964259	34.76	ng		99
76) Benzidine	13.11	184	55834	4.95	ng	#	94
77) Pyrene	13.22	202	953529	46.12	ng		100
79) Butylbenzylphthalate	14.04	149	402255	45.66	ng	#	83
80) Benzo(a)anthracene	14.70	228	672372	40.47	ng		99
81) 3,3'-Dichlorobenzidine	14.67	252	226483	38.14	ng	#	96
82) Chrysene	14.74	228	638190	41.40	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	524978	43.68	ng	#	100
84) Di-n-octyl phthalate	15.51	149	818023	40.74	ng		98
85) Indeno(1,2,3-cd)pyrene	17.74	276	776453	58.16	ng		99
87) Benzo(b)fluoranthene	15.93	252	680508	38.72	ng		97
88) Benzo(k)fluoranthene	15.96	252	641385m	37.30	ng		
89) Benzo(a)pyrene	16.29	252	660117	40.79	ng		99
90) Dibenzo(a,h)anthracene	17.76	278	653069	47.65	ng		96
91) Benzo(g,h,i)perylene	18.16	276	655537	47.46	ng		97

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

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