Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093765.D
Acq On : 20 Mar 2017 15:10
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF032017

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:01 PM

Quant Time: Mar 20 16:08:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	232640	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	973188	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	428673	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	721106	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	474761	20.00	ng		-0.02
86) Perylene-d12	15.39	264	495427	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1068407	80.31	ng		-0.01
7) Phenol-d6	6.47	99	1307533	79.54	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1432729	83.51	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	281797	84.87	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1909139	74.89	ng		-0.01
78) Terphenyl-d14	12.94	244	1918080	82.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	277167	41.12	ng		99
3) Pyridine	3.14	79	780866	43.24	ng		99
4) n-Nitrosodimethylamine	3.09	42	326651	41.94	ng		93
6) Aniline	6.49	93	924886	40.24	ng		100
8) 2-Chlorophenol	6.62	128	591780	40.44	ng		99
9) Benzaldehyde	6.38	77	482396	41.51	ng		99
10) Phenol	6.48	94	825815	44.69	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	603402	40.22	ng		99
12) 1,3-Dichlorobenzene	6.78	146	686200	41.35	ng		100
13) 1,4-Dichlorobenzene	6.86	146	715552	42.26	ng		99
14) 1,2-Dichlorobenzene	7.01	146	583514	37.57	ng		99
15) Benzyl Alcohol	6.98	79	510638	41.92	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	944567	39.60	ng		100
17) 2-Methylphenol	7.10	107	544703	42.42	ng		96
18) Hexachloroethane	7.35	117	246383	41.04	ng	#	73
19) n-Nitroso-di-n-propylamine	7.26	70	413888	38.43	ng		97
20) 3+4-Methylphenols	7.25	107	560747	36.88	ng		95
22) Acetophenone	7.25	105	757939	35.97	ng	#	99
24) Nitrobenzene	7.42	77	597069	36.43	ng		98
25) Isophorone	7.67	82	1212463	39.89	ng	#	92
26) 2-Nitrophenol	7.74	139	341245	46.04	ng		99
27) 2,4-Dimethylphenol	7.78	122	601188	39.44	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	732746	37.47	ng		99
29) 2,4-Dichlorophenol	7.98	162	510294	39.33	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	535338	39.73	ng		99
31) Naphthalene	8.15	128	1876389	41.54	ng		100
32) Benzoic acid	7.90	122	381343	40.23	ng		98
33) 4-Chloroaniline	8.20	127	743660	38.31	ng	#	88
34) Hexachlorobutadiene	8.28	225	284794	40.19	ng		99
35) Caprolactam	8.56	113	155642	38.21	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	565428	42.05	ng		90
37) 2-Methylnaphthalene	8.84	142	1130669	38.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	488035	42.99	ng		99
40) Hexachlorocyclopentadiene	9.00	237	232881	40.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	345079	41.87	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	328315	38.37	ng		97
45) 1,1'-Biphenyl	9.30	154	1411784	40.52	ng		99
46) 2-Chloronaphthalene	9.33	162	1114908	41.74	ng		98
47) 2-Nitroaniline	9.41	65	299090	40.09	ng		96
48) Acenaphthylene	9.74	152	1748329	40.22	ng		100
49) Dimethylphthalate	9.60	163	1114521	36.53	ng		100
50) 2,6-Dinitrotoluene	9.66	165	287280	42.89	ng	#	85
51) Acenaphthene	9.91	154	1021474	39.34	ng		99
52) 3-Nitroaniline	9.82	138	293871	36.55	ng		100
53) 2,4-Dinitrophenol	9.92	184	109505	41.65	ng		85
54) Dibenzofuran	10.08	168	1430128	40.93	ng		99
55) 4-Nitrophenol	9.98	139	282506	46.78	ng	#	73
56) 2,4-Dinitrotoluene	10.06	165	387060	45.52	ng	#	88
57) Fluorene	10.42	166	1096642	40.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	246891	42.01	ng		98
59) Diethylphthalate	10.30	149	1171965	39.42	ng		100
60) 4-Chlorophenyl-phenylether	10.41	204	435524	38.61	ng		99
61) 4-Nitroaniline	10.44	138	316919	44.07	ng		96
62) Azobenzene	10.57	77	1174713	39.95	ng		99
64) 4,6-Dinitro-2-methylphenol	10.47	198	173004	41.41	ng	#	41
65) n-Nitrosodiphenylamine	10.53	169	985499	40.99	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	287770	41.46	ng		97
67) Hexachlorobenzene	10.97	284	309487	43.24	ng	#	94
68) Atrazine	11.06	200	331287	44.89	ng		98
69) Pentachlorophenol	11.16	266	186705	44.61	ng		97
70) Phenanthrene	11.37	178	1473561	38.37	ng		100
71) Anthracene	11.43	178	1637929	41.43	ng		100
72) Carbazole	11.58	167	1508868	38.54	ng		99
73) Di-n-butylphthalate	11.92	149	1720809	40.84	ng		100
74) Fluoranthene	12.56	202	1645967	41.70	ng		98
76) Benzidine	12.68	184	837782	40.22	ng		96
77) Pyrene	12.79	202	1716869	43.45	ng		100
79) Butylbenzylphthalate	13.41	149	721625	40.87	ng	#	74
80) Benzo(a)anthracene	13.97	228	1238028	41.63	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	452994	40.43	ng		98
82) Chrysene	14.00	228	1230084	41.40	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	914221	42.99	ng	#	98
84) Di-n-octyl phthalate	14.59	149	1752838	45.17	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	1045424	42.97	ng		98
87) Benzo(b)fluoranthene	14.99	252	1520110m	45.51	ng		
88) Benzo(k)fluoranthene	15.02	252	830494m	33.67	ng		
89) Benzo(a)pyrene	15.33	252	1078620	39.83	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	912081	40.56	ng		97
91) Benzo(g,h,i)perylene	17.17	276	887743	39.77	ng		95

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

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