Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097361.D
Acq On : 4 Aug 2017 17:46
Operator : SJ/JU
Sample : PB101226BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101226BS

Manual Integrations APPROVED
Sohil
8/7/2017 6:09:34 PM

Quant Time: Aug 04 23:32:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	100540	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	467277	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	191883	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	335420	20.00	ng		-0.07
75) Chrysene-d12	13.56	240	216402	20.00	ng		-0.07
86) Perylene-d12	14.89	264	219624	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	892319	133.79	ng		-0.05
7) Phenol-d6	6.12	99	993231	130.45	ng		-0.05
23) Nitrobenzene-d5	7.02	82	636219	79.87	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	192657	127.08	ng		-0.06
44) 2-Fluorobiphenyl	8.80	172	1004457	88.84	ng		-0.07
78) Terphenyl-d14	12.52	244	858378	80.87	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	106585	38.296	ng	#	74
3) Pyridine	2.61	79	323789	37.993	ng	#	66
4) n-Nitrosodimethylamine	2.57	42	199161	42.183	ng		80
6) Aniline	6.11	93	186723	19.488	ng	#	54
8) 2-Chlorophenol	6.23	128	315214	44.201	ng		95
9) Benzaldehyde	5.98	77	182577	40.512	ng		95
10) Phenol	6.13	94	377453	41.794	ng		97
11) bis(2-Chloroethyl)ether	6.19	93	314597	44.044	ng		92
12) 1,3-Dichlorobenzene	6.37	146	318456	41.437	ng		97
13) 1,4-Dichlorobenzene	6.46	146	320262	42.050	ng		94
14) 1,2-Dichlorobenzene	6.61	146	283526	42.635	ng		98
15) Benzyl Alcohol	6.60	79	232582	48.248	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	608656	42.484	ng		70
17) 2-Methylphenol	6.73	107	239519	43.518	ng	#	89
18) Hexachloroethane	6.95	117	117779	42.270	ng	#	81
19) n-Nitroso-di-n-propylamine	6.87	70	217362	43.371	ng	#	82
20) 3+4-Methylphenols	6.89	107	332175	46.209	ng	#	62
22) Acetophenone	6.86	105	416968	37.158	ng		96
24) Nitrobenzene	7.03	77	325440	39.230	ng		93
25) Isophorone	7.27	82	625762	40.115	ng		98
26) 2-Nitrophenol	7.35	139	185074	41.236	ng	#	89
27) 2,4-Dimethylphenol	7.41	122	298672	40.342	ng		96
28) bis(2-Chloroethoxy)methane	7.49	93	425605	41.809	ng		99
29) 2,4-Dichlorophenol	7.60	162	276555	43.361	ng		95
30) 1,2,4-Trichlorobenzene	7.67	180	241877	39.786	ng		96
31) Naphthalene	7.75	128	913406	41.468	ng		99
32) Benzoic acid	7.59	122	219061	39.625	ng		86
33) 4-Chloroaniline	7.82	127	78450	8.753	ng		98
34) Hexachlorobutadiene	7.86	225	123041	38.177	ng		98
35) Caprolactam	8.19	113	98630m	48.226	ng		
36) 4-Chloro-3-methylphenol	8.32	107	281049	40.391	ng		91
37) 2-Methylnaphthalene	8.43	142	597978	42.877	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	202490	39.549	ng		99
40) Hexachlorocyclopentadiene	8.59	237	122188	69.216	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	147834	39.844	ng		99
43) 2,4,5-Trichlorophenol	8.77	196	145133	39.081	ng		98
45) 1,1'-Biphenyl	8.90	154	644069	39.298	ng		97
46) 2-Chloronaphthalene	8.92	162	505102	41.880	ng	#	91
47) 2-Nitroaniline	9.03	65	204132	46.637	ng		97
48) Acenaphthylene	9.33	152	784166	42.359	ng		99
49) Dimethylphthalate	9.21	163	627228	43.046	ng		99
50) 2,6-Dinitrotoluene	9.27	165	135821	43.948	ng	#	90
51) Acenaphthene	9.50	154	461256	42.300	ng		98
52) 3-Nitroaniline	9.44	138	75971	19.805	ng		91
53) 2,4-Dinitrophenol	9.56	184	132332	94.175	ng	#	76
54) Dibenzofuran	9.67	168	686116	47.239	ng		95
55) 4-Nitrophenol	9.64	139	150618	66.025	ng	#	65
56) 2,4-Dinitrotoluene	9.68	165	175559	49.415	ng	#	73
57) Fluorene	10.01	166	498959	45.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	125576	48.974	ng		96
59) Diethylphthalate	9.90	149	603599	45.152	ng		99
60) 4-Chlorophenyl-phenylether	10.00	204	204127	45.282	ng		99
61) 4-Nitroaniline	10.05	138	158561	43.502	ng		93
62) Azobenzene	10.17	77	610678	49.242	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	93943	45.072	ng		91
65) n-Nitrosodiphenylamine	10.13	169	498805	42.740	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	141555	42.288	ng		93
67) Hexachlorobenzene	10.56	284	148229	39.488	ng	#	84
68) Atrazine	10.66	200	143969	43.020	ng		93
69) Pentachlorophenol	10.76	266	109924	70.775	ng		99
70) Phenanthrene	10.96	178	777247	43.248	ng		99
71) Anthracene	11.02	178	799008	43.408	ng		99
72) Carbazole	11.17	167	806606	44.556	ng		99
73) Di-n-butylphthalate	11.52	149	966379	43.186	ng		99
74) Fluoranthene	12.14	202	790552	44.902	ng		98
76) Benzidine	12.27	184	191379	23.834	ng	#	92
77) Pyrene	12.36	202	835472	47.159	ng		100
79) Butylbenzylphthalate	12.99	149	431958	47.933	ng	#	77
80) Benzo(a)anthracene	13.54	228	627537	44.817	ng		99
81) 3,3'-Dichlorobenzidine	13.52	252	168405	31.893	ng	#	97
82) Chrysene	13.59	228	634353	46.396	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	493331	41.928	ng		98
84) Di-n-octyl phthalate	14.16	149	983880	45.566	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.10	276	477003	40.686	ng		97
87) Benzo(b)fluoranthene	14.54	252	589150	44.625	ng		97
88) Benzo(k)fluoranthene	14.57	252	506924	40.295	ng		97
89) Benzo(a)pyrene	14.84	252	522479	43.241	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	391487	39.510	ng		97
91) Benzo(g,h,i)perylene	16.44	276	432166	41.591	ng		98

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

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