Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091478.D
Acq On : 7 Dec 2016 19:19
Operator : UM/SJ
Sample : PB95097BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95097BS

Manual Integrations APPROVED
sohil
12/8/2016 2:04:13 PM

Quant Time: Dec 08 00:51:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152367	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	597971	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	414727	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	641154	20.00	ng		0.00
75) Chrysene-d12	13.99	240	514741	20.00	ng		0.01
86) Perylene-d12	15.41	264	376849	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1060919	113.75	ng		0.01
7) Phenol-d6	6.47	99	1379256	120.13	ng		0.00
23) Nitrobenzene-d5	7.40	82	938902	87.99	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	460549	117.30	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1992503	86.99	ng		0.00
78) Terphenyl-d14	12.94	244	1831837	77.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	128647	30.49	ng	#	83
3) Pyridine	3.21	79	351441	29.43	ng	#	84
4) n-Nitrosodimethylamine	3.17	42	248777	39.71	ng		95
6) Aniline	6.49	93	368776	24.18	ng	#	62
8) 2-Chlorophenol	6.62	128	404272	39.53	ng		83
9) Benzaldehyde	6.38	77	123268	16.70	ng		80
10) Phenol	6.49	94	471156	34.88	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	409552	42.43	ng		98
12) 1,3-Dichlorobenzene	6.78	146	458902	40.34	ng		95
13) 1,4-Dichlorobenzene	6.85	146	442949	39.15	ng		96
14) 1,2-Dichlorobenzene	7.01	146	464725	44.09	ng		96
15) Benzyl Alcohol	6.98	79	415779	45.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	803618	38.72	ng		73
17) 2-Methylphenol	7.10	107	344479	42.62	ng	#	76
18) Hexachloroethane	7.35	117	167151	41.60	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	314660	43.50	ng	#	92
20) 3+4-Methylphenols	7.25	107	395192	40.05	ng	#	65
22) Acetophenone	7.25	105	570763	40.27	ng	#	82
24) Nitrobenzene	7.42	77	482791	44.19	ng	#	89
25) Isophorone	7.66	82	864068	45.71	ng		99
26) 2-Nitrophenol	7.74	139	225365	45.27	ng	#	79
27) 2,4-Dimethylphenol	7.77	122	377852	40.57	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	528533	46.45	ng		99
29) 2,4-Dichlorophenol	7.98	162	367601	44.87	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	380192	41.39	ng		99
31) Naphthalene	8.14	128	1110045	39.06	ng		99
32) Benzoic acid	7.91	122	292561	42.62	ng		95
33) 4-Chloroaniline	8.18	127	201874	16.62	ng	#	93
34) Hexachlorobutadiene	8.26	225	249129	44.11	ng		99
35) Caprolactam	8.57	113	123321m	52.37	ng		
36) 4-Chloro-3-methylphenol	8.68	107	381502	43.13	ng		99
37) 2-Methylnaphthalene	8.84	142	925703	47.94	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	370812	31.72	ng		98
40) Hexachlorocyclopentadiene	8.98	237	391062	72.16	ng		99

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	313254	41.23	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	289675	38.04	ng		94
45) 1,1'-Biphenyl	9.29	154	1037272	34.78	ng		98
46) 2-Chloronaphthalene	9.32	162	760194	34.23	ng		98
47) 2-Nitroaniline	9.42	65	319841	40.10	ng		90
48) Acenaphthylene	9.74	152	1307852	37.41	ng		99
49) Dimethylphthalate	9.60	163	888703	35.39	ng		97
50) 2,6-Dinitrotoluene	9.66	165	207040	36.89	ng		97
51) Acenaphthene	9.91	154	1051022	44.57	ng		96
52) 3-Nitroaniline	9.83	138	128525	19.78	ng		83
53) 2,4-Dinitrophenol	9.93	184	235336	95.88	ng	#	79
54) Dibenzofuran	10.08	168	1285539	40.72	ng		95
55) 4-Nitrophenol	9.99	139	343965	73.30	ng		94
56) 2,4-Dinitrotoluene	10.06	165	305511	41.96	ng	#	54
57) Fluorene	10.42	166	990558	40.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	265135	40.78	ng		98
59) Diethylphthalate	10.30	149	934516	37.70	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	424571	34.92	ng	#	88
61) 4-Nitroaniline	10.45	138	224321	36.77	ng		95
62) Azobenzene	10.57	77	998598	39.48	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	175628	49.72	ng	#	65
65) n-Nitrosodiphenylamine	10.54	169	875626	45.04	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	316785	45.97	ng	#	83
67) Hexachlorobenzene	10.97	284	318111	42.72	ng	#	87
68) Atrazine	11.06	200	270836	43.02	ng		98
69) Pentachlorophenol	11.16	266	353586	80.65	ng		97
70) Phenanthrene	11.38	178	1394617	41.86	ng		99
71) Anthracene	11.43	178	1341974	40.59	ng		99
72) Carbazole	11.58	167	1141204	38.04	ng		98
73) Di-n-butylphthalate	11.92	149	1609606	47.34	ng		100
74) Fluoranthene	12.56	202	1420640	45.02	ng		100
76) Benzidine	12.68	184	260322	17.23	ng		97
77) Pyrene	12.79	202	1442725	36.93	ng		99
79) Butylbenzylphthalate	13.42	149	636518	43.51	ng	#	75
80) Benzo(a)anthracene	13.98	228	1227044	40.76	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	270340	25.49	ng	#	98
82) Chrysene	14.01	228	1119802	37.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	943433	50.88	ng	#	93
84) Di-n-octyl phthalate	14.59	149	1334814	47.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1000343	36.67	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	945196m	40.35	ng		
88) Benzo(k)fluoranthene	15.03	252	989990m	50.26	ng		
89) Benzo(a)pyrene	15.35	252	926777	44.06	ng	#	92
90) Dibenzo(a,h)anthracene	16.80	278	846729	43.52	ng	#	94
91) Benzo(g,h,i)perylene	17.20	276	789621	39.36	ng		98

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

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