Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094306.D
Acq On : 10 Apr 2017 13:00
Operator : SJ/MA
Sample : PB98126BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Manual Integrations APPROVED
mohammad
4/11/2017 12:52:59 PM

Quant Time: Apr 11 01:15:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	169178	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	684711	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	309384	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	537862	20.00	ng		-0.01
75) Chrysene-d12	14.56	240	403330	20.00	ng		-0.01
86) Perylene-d12	16.18	264	281424	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	858258	85.69	ng		0.02
7) Phenol-d6	5.48	99	1054771	85.12	ng		0.02
23) Nitrobenzene-d5	6.49	82	970624	80.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.46	330	224245	91.72	ng		-0.01
44) 2-Fluorobiphenyl	8.67	172	1780129	87.76	ng		-0.02
78) Terphenyl-d14	13.29	244	1407610	78.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	148689	30.90	ng		98
3) Pyridine	2.73	79	411432	31.37	ng		99
4) n-Nitrosodimethylamine	2.69	42	191322	35.45	ng		95
6) Aniline	5.46	93	267656	15.53	ng		97
8) 2-Chlorophenol	5.62	128	428624	38.93	ng		97
9) Benzaldehyde	5.33	77	193010	23.07	ng		98
10) Phenol	5.49	94	522186	37.03	ng		92
11) bis(2-Chloroethyl)ether	5.55	93	409941	37.20	ng		99
12) 1,3-Dichlorobenzene	5.77	146	460079	37.25	ng		99
13) 1,4-Dichlorobenzene	5.86	146	464156	37.11	ng		96
14) 1,2-Dichlorobenzene	6.03	146	418881	36.36	ng		98
15) Benzyl Alcohol	6.02	79	331886	36.59	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	541648	31.90	ng		53
17) 2-Methylphenol	6.18	107	344242	36.51	ng		97
18) Hexachloroethane	6.43	117	165512	37.65	ng	#	87
19) n-Nitroso-di-n-propylamine	6.33	70	309856	38.91	ng		98
20) 3+4-Methylphenols	6.36	107	486380	42.59	ng	#	61
22) Acetophenone	6.32	105	594836	38.98	ng	#	85
24) Nitrobenzene	6.52	77	431661	36.48	ng		91
25) Isophorone	6.80	82	785154	37.24	ng		96
26) 2-Nitrophenol	6.89	139	240631	42.64	ng		94
27) 2,4-Dimethylphenol	6.97	122	384992	39.59	ng		98
28) bis(2-Chloroethoxy)methane	7.06	93	508034	36.54	ng		98
29) 2,4-Dichlorophenol	7.20	162	366539	40.32	ng		98
30) 1,2,4-Trichlorobenzene	7.28	180	360122	38.46	ng		98
31) Naphthalene	7.37	128	1219305	37.03	ng		100
32) Benzoic acid	7.15	122	182694	28.22	ng		97
33) 4-Chloroaniline	7.44	127	138242	10.36	ng		96
34) Hexachlorobutadiene	7.52	225	180055	37.50	ng		96
35) Caprolactam	7.89	113	117051m	40.37	ng		
36) 4-Chloro-3-methylphenol	8.08	107	381420	40.15	ng		88
37) 2-Methylnaphthalene	8.22	142	854667	38.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	318349	37.61	ng		98
40) Hexachlorocyclopentadiene	8.41	237	308834	77.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	245080	40.93	ng		98
43) 2,4,5-Trichlorophenol	8.64	196	246050	37.97	ng		93
45) 1,1'-Biphenyl	8.79	154	949336	38.04	ng		98
46) 2-Chloronaphthalene	8.81	162	754980	38.65	ng		96
47) 2-Nitroaniline	8.94	65	226291	39.05	ng		91
48) Acenaphthylene	9.32	152	1188946	36.62	ng		99
49) Dimethylphthalate	9.18	163	882089	40.11	ng		99
50) 2,6-Dinitrotoluene	9.25	165	200039	39.68	ng		90
51) Acenaphthene	9.53	154	706316	37.29	ng		100
52) 3-Nitroaniline	9.45	138	100078	16.91	ng		92
53) 2,4-Dinitrophenol	9.58	184	136247	52.22	ng	#	72
54) Dibenzofuran	9.74	168	992121	38.47	ng		99
55) 4-Nitrophenol	9.73	139	418032m	90.17	ng		
56) 2,4-Dinitrotoluene	9.74	165	236519	37.35	ng	#	68
57) Fluorene	10.16	166	773330	36.16	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	173368	39.00	ng		98
59) Diethylphthalate	10.05	149	846615	38.95	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	336880	36.98	ng		88
61) 4-Nitroaniline	10.21	138	193785	34.11	ng		98
62) Azobenzene	10.36	77	814741	39.62	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	110760	33.62	ng	#	70
65) n-Nitrosodiphenylamine	10.32	169	724357	38.94	ng		97
66) 4-Bromophenyl-phenylether	10.76	248	208585	39.43	ng		97
67) Hexachlorobenzene	10.84	284	214552	40.07	ng	#	89
68) Atrazine	10.99	200	212972	38.23	ng		96
69) Pentachlorophenol	11.10	266	165473	49.65	ng		97
70) Phenanthrene	11.34	178	1145333	38.28	ng		99
71) Anthracene	11.40	178	1169559	37.96	ng		99
72) Carbazole	11.61	167	1085012	34.35	ng		99
73) Di-n-butylphthalate	12.06	149	1310502	39.89	ng		98
74) Fluoranthene	12.80	202	1148132	37.47	ng		99
76) Benzidine	12.97	184	356493	22.33	ng	#	92
77) Pyrene	13.08	202	1149921	39.29	ng		100
79) Butylbenzylphthalate	13.89	149	541469	43.42	ng	#	83
80) Benzo(a)anthracene	14.55	228	901754	38.34	ng		98
81) 3,3'-Dichlorobenzidine	14.52	252	138781	16.51	ng	#	96
82) Chrysene	14.59	228	796940	36.51	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	739966	43.49	ng	#	99
84) Di-n-octyl phthalate	15.36	149	1172366	41.24	ng		98
85) Indeno(1,2,3-cd)pyrene	17.51	276	660464	34.94	ng		100
87) Benzo(b)fluoranthene	15.78	252	711457	41.24	ng		97
88) Benzo(k)fluoranthene	15.82	252	628656m	37.25	ng		
89) Benzo(a)pyrene	16.13	252	617341	38.86	ng		99
90) Dibenzo(a,h)anthracene	17.53	278	546404	40.62	ng		98
91) Benzo(g,h,i)perylene	17.90	276	563779	41.58	ng		97

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

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