Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098200.D
Acq On : 31 Aug 2017 17:52
Operator : SJ/JU
Sample : PB101916BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Manual Integrations APPROVED
Sohil
9/1/2017 5:28:52 PM

Quant Time: Sep 01 02:27:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115643	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	471045	20.00	ng		-0.03
38) Acenaphthene-d10	9.76	164	228612	20.00	ng		-0.03
63) Phenanthrene-d10	11.24	188	466743	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	343471	20.00	ng		-0.02
86) Perylene-d12	15.28	264	253325	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	965838	127.04	ng		-0.01
7) Phenol-d6	6.37	99	1332103	128.96	ng		-0.02
23) Nitrobenzene-d5	7.29	82	831130	95.85	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	297211	149.84	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	1319298	84.79	ng		-0.03
78) Terphenyl-d14	12.83	244	1242529	75.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	151768	35.795	ng		87
3) Pyridine	3.16	79	430371	36.717	ng	#	85
4) n-Nitrosodimethylamine	3.12	42	163466	36.244	ng	#	74
6) Aniline	6.39	93	389575	26.846	ng	#	92
8) 2-Chlorophenol	6.51	128	343153	42.798	ng		99
9) Benzaldehyde	6.26	77	127699	19.517	ng		88
10) Phenol	6.38	94	488397	40.426	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	386158	42.349	ng		94
12) 1,3-Dichlorobenzene	6.66	146	342376	39.698	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	348021	39.677	ng	#	93
14) 1,2-Dichlorobenzene	6.89	146	322770	39.908	ng		99
15) Benzyl Alcohol	6.87	79	331460	42.858	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	497125	40.520	ng		87
17) 2-Methylphenol	6.99	107	319382	45.202	ng		95
18) Hexachloroethane	7.23	117	139695	40.622	ng	#	80
19) n-Nitroso-di-n-propylamine	7.14	70	284514	40.234	ng	#	88
20) 3+4-Methylphenols	7.14	107	383260	44.410	ng	#	89
22) Acetophenone	7.13	105	504183	40.517	ng	#	90
24) Nitrobenzene	7.30	77	439543	45.527	ng		92
25) Isophorone	7.55	82	810452	44.950	ng		97
26) 2-Nitrophenol	7.62	139	185109	52.383	ng	#	83
27) 2,4-Dimethylphenol	7.66	122	327836	43.598	ng		93
28) bis(2-Chloroethoxy)methane	7.76	93	515543	43.493	ng		98
29) 2,4-Dichlorophenol	7.86	162	286395	45.883	ng		92
30) 1,2,4-Trichlorobenzene	7.95	180	284465	41.110	ng		99
31) Naphthalene	8.03	128	1013394	41.440	ng		99
32) Benzoic acid	7.81	122	236368	43.791	ng		88
33) 4-Chloroaniline	8.07	127	225542	21.869	ng		99
34) Hexachlorobutadiene	8.14	225	162624	40.252	ng		97
35) Caprolactam	8.46	113	106625m	50.247	ng		
36) 4-Chloro-3-methylphenol	8.57	107	356261	44.423	ng	#	81
37) 2-Methylnaphthalene	8.72	142	673135	44.897	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	267654	38.149	ng	#	98
40) Hexachlorocyclopentadiene	8.87	237	305022	90.496	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	202160	42.918	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	211204	45.196	ng		96
45) 1,1'-Biphenyl	9.18	154	806381	38.680	ng		96
46) 2-Chloronaphthalene	9.20	162	590794	38.354	ng	#	91
47) 2-Nitroaniline	9.30	65	236562	45.811	ng		96
48) Acenaphthylene	9.62	152	981123	40.561	ng		99
49) Dimethylphthalate	9.49	163	757285	45.317	ng		99
50) 2,6-Dinitrotoluene	9.55	165	161976	48.559	ng	#	73
51) Acenaphthene	9.79	154	581192	38.097	ng		99
52) 3-Nitroaniline	9.72	138	132973	30.898	ng		90
53) 2,4-Dinitrophenol	9.83	184	155888	95.933	ng	#	77
54) Dibenzofuran	9.96	168	882463	43.160	ng		100
55) 4-Nitrophenol	9.89	139	284049	82.739	ng	#	47
56) 2,4-Dinitrotoluene	9.96	165	212219	50.696	ng	#	61
57) Fluorene	10.31	166	668154	42.267	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	184333	50.949	ng		92
59) Diethylphthalate	10.19	149	796825	45.597	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	316611	43.112	ng		88
61) 4-Nitroaniline	10.34	138	194890	47.647	ng		82
62) Azobenzene	10.46	77	910976	43.886	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	104866	47.734	ng		87
65) n-Nitrosodiphenylamine	10.42	169	631863	39.755	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	202025	41.682	ng		96
67) Hexachlorobenzene	10.85	284	197989	40.077	ng	#	84
68) Atrazine	10.95	200	207714	49.279	ng		97
69) Pentachlorophenol	11.05	266	226089	78.492	ng		99
70) Phenanthrene	11.27	178	1008616	40.553	ng		99
71) Anthracene	11.32	178	1045181	41.432	ng		100
72) Carbazole	11.47	167	975287	40.730	ng		98
73) Di-n-butylphthalate	11.80	149	1314044	47.642	ng		100
74) Fluoranthene	12.45	202	1087333	41.885	ng		99
76) Benzidine	12.57	184	445116	39.525	ng	#	91
77) Pyrene	12.68	202	1091462	38.853	ng		99
79) Butylbenzylphthalate	13.30	149	545072	50.608	ng	#	71
80) Benzo(a)anthracene	13.86	228	786769	38.219	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	196216	28.247	ng	#	95
82) Chrysene	13.90	228	802979	39.212	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	669169	56.068	ng	#	100
84) Di-n-octyl phthalate	14.47	149	1182361	56.936	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	628836	41.743	ng		95
87) Benzo(b)fluoranthene	14.89	252	708887	44.395	ng		97
88) Benzo(k)fluoranthene	14.91	252	622568	41.499	ng	#	95
89) Benzo(a)pyrene	15.23	252	623205	44.087	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	518041	45.015	ng		99
91) Benzo(g,h,i)perylene	17.07	276	529452	44.092	ng	#	93

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

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