Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097839.D
Acq On : 18 Aug 2017 18:10
Operator : SJ/JU
Sample : PB101579BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 19 00:45:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB101579BS

Manual Integrations APPROVED
Sohil
8/21/2017 6:18:31 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148519	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	589435	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	266378	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	523167	20.00	ng		0.00
75) Chrysene-d12	13.93	240	412199	20.00	ng		0.00
86) Perylene-d12	15.36	264	337983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1181389	120.99	ng		0.00
7) Phenol-d6	6.42	99	1605816	121.04	ng		0.00
23) Nitrobenzene-d5	7.34	82	1009374	93.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	303241	131.20	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1448050	79.87	ng		0.00
78) Terphenyl-d14	12.89	244	1284086	64.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	195171	35.842	ng		90
3) Pyridine	3.26	79	569555	37.835	ng		89
4) n-Nitrosodimethylamine	3.22	42	234828	40.541	ng		84
6) Aniline	6.44	93	379952	20.387	ng		97
8) 2-Chlorophenol	6.56	128	408457	39.666	ng		97
9) Benzaldehyde	6.32	77	199311	23.719	ng		89
10) Phenol	6.43	94	589715	38.007	ng		95
11) bis(2-Chloroethyl)ether	6.52	93	461548	39.412	ng		96
12) 1,3-Dichlorobenzene	6.72	146	410923	37.100	ng	#	94
13) 1,4-Dichlorobenzene	6.79	146	416136	36.940	ng	#	94
14) 1,2-Dichlorobenzene	6.95	146	381256	36.705	ng		98
15) Benzyl Alcohol	6.92	79	410126	41.291	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	595830	37.815	ng		91
17) 2-Methylphenol	7.03	107	381403	42.031	ng		95
18) Hexachloroethane	7.29	117	172818	39.129	ng	#	82
19) n-Nitroso-di-n-propylamine	7.20	70	336393	37.041	ng		90
20) 3+4-Methylphenols	7.19	107	437014	39.430	ng		95
22) Acetophenone	7.19	105	593645	38.124	ng	#	93
24) Nitrobenzene	7.36	77	532687	44.093	ng		91
25) Isophorone	7.60	82	949818	42.099	ng		95
26) 2-Nitrophenol	7.67	139	212458	48.481	ng	#	77
27) 2,4-Dimethylphenol	7.72	122	377897	40.162	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	584136	39.381	ng		99
29) 2,4-Dichlorophenol	7.92	162	327802	41.968	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	330308	38.148	ng		99
31) Naphthalene	8.08	128	1160795	37.934	ng		99
32) Benzoic acid	7.86	122	269423	40.460	ng	#	84
33) 4-Chloroaniline	8.13	127	170035	13.175	ng		98
34) Hexachlorobutadiene	8.20	225	189075	37.400	ng		98
35) Caprolactam	8.52	113	134803m	50.767	ng		
36) 4-Chloro-3-methylphenol	8.62	107	406212	40.478	ng	#	78
37) 2-Methylnaphthalene	8.77	142	758990	40.456	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	296379	36.254	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	371593	94.616	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	227656	41.479	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	224772	41.280	ng		95
45) 1,1'-Biphenyl	9.24	154	889351	36.612	ng		97
46) 2-Chloronaphthalene	9.26	162	662449	36.909	ng	#	93
47) 2-Nitroaniline	9.36	65	279866	46.513	ng		94
48) Acenaphthylene	9.67	152	1090063	38.675	ng		100
49) Dimethylphthalate	9.55	163	780994	40.110	ng		99
50) 2,6-Dinitrotoluene	9.60	165	173620	44.671	ng	#	47
51) Acenaphthene	9.85	154	653703	36.775	ng		99
52) 3-Nitroaniline	9.77	138	120532	24.036	ng		91
53) 2,4-Dinitrophenol	9.87	184	156449	84.034	ng	#	77
54) Dibenzofuran	10.02	168	961662	40.366	ng		100
55) 4-Nitrophenol	9.94	139	322220	80.551	ng	#	37
56) 2,4-Dinitrotoluene	10.00	165	230184	47.192	ng	#	48
57) Fluorene	10.36	166	713548	38.739	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	187264	44.421	ng		95
59) Diethylphthalate	10.25	149	804531	39.511	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	323138	37.763	ng	#	85
61) 4-Nitroaniline	10.39	138	184910	38.798	ng	#	69
62) Azobenzene	10.52	77	999918	41.341	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	107717	44.439	ng		90
65) n-Nitrosodiphenylamine	10.47	169	663108	37.221	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	207746	38.239	ng		96
67) Hexachlorobenzene	10.90	284	202398	36.551	ng	#	81
68) Atrazine	11.01	200	202734	42.910	ng		99
69) Pentachlorophenol	11.10	266	224251	69.457	ng		98
70) Phenanthrene	11.32	178	1064410	38.181	ng		100
71) Anthracene	11.37	178	1090957	38.583	ng		100
72) Carbazole	11.53	167	1023780	38.144	ng		99
73) Di-n-butylphthalate	11.86	149	1264016	40.886	ng		99
74) Fluoranthene	12.51	202	1155470	39.709	ng		98
76) Benzidine	12.63	184	90429	6.691	ng		93
77) Pyrene	12.73	202	1199159	35.569	ng		99
79) Butylbenzylphthalate	13.36	149	548581	42.441	ng	#	69
80) Benzo(a)anthracene	13.92	228	900076	36.433	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	226877	27.215	ng	#	95
82) Chrysene	13.96	228	909920	37.025	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	667410	46.597	ng	#	99
84) Di-n-octyl phthalate	14.53	149	1292456	51.861	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.76	276	787094	43.537	ng		95
87) Benzo(b)fluoranthene	14.95	252	902752	42.375	ng		100
88) Benzo(k)fluoranthene	14.98	252	739018	36.923	ng	#	95
89) Benzo(a)pyrene	15.30	252	785859	41.668	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	637119	41.495	ng		99
91) Benzo(g,h,i)perylene	17.19	276	666031	41.573	ng	#	92

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

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