Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097788.D
Acq On : 17 Aug 2017 16:13
Operator : SJ/JU
Sample : PB101563BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 02:10:50 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 :
PB101563BS

Manual Integrations APPROVED
Sohil
8/18/2017 7:03:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124587	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	494559	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	226380	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	437847	20.00	ng		0.00
75) Chrysene-d12	13.93	240	348055	20.00	ng		0.00
86) Perylene-d12	15.36	264	250480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1011512	123.49	ng		0.01
7) Phenol-d6	6.41	99	1394545	125.31	ng		0.00
23) Nitrobenzene-d5	7.34	82	842001	92.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	287415	146.33	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1315640	85.38	ng		0.00
78) Terphenyl-d14	12.88	244	1196312	71.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	169093	37.018	ng		89
3) Pyridine	3.29	79	484329	38.354	ng		86
4) n-Nitrosodimethylamine	3.24	42	178584	36.754	ng	#	74
6) Aniline	6.44	93	309706	19.810	ng		97
8) 2-Chlorophenol	6.56	128	356923	41.320	ng		99
9) Benzaldehyde	6.32	77	134872	19.133	ng		88
10) Phenol	6.42	94	519998	39.951	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	392013	39.904	ng		95
12) 1,3-Dichlorobenzene	6.72	146	361874	38.947	ng	#	94
13) 1,4-Dichlorobenzene	6.79	146	364812	38.605	ng	#	93
14) 1,2-Dichlorobenzene	6.95	146	342290	39.283	ng		100
15) Benzyl Alcohol	6.92	79	362768	43.539	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	518428	39.223	ng		91
17) 2-Methylphenol	7.03	107	327862	43.071	ng		98
18) Hexachloroethane	7.29	117	145048	39.150	ng	#	81
19) n-Nitroso-di-n-propylamine	7.19	70	294126	38.608	ng		89
20) 3+4-Methylphenols	7.19	107	399562	42.975	ng		90
22) Acetophenone	7.19	105	529037	40.492	ng	#	89
24) Nitrobenzene	7.36	77	450540	44.447	ng		92
25) Isophorone	7.60	82	803130	42.426	ng		97
26) 2-Nitrophenol	7.67	139	181297	49.218	ng	#	82
27) 2,4-Dimethylphenol	7.72	122	330119	41.814	ng		93
28) bis(2-Chloroethoxy)methane	7.81	93	505642	40.629	ng		97
29) 2,4-Dichlorophenol	7.92	162	283018	43.186	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	288509	39.712	ng		99
31) Naphthalene	8.08	128	1029501	40.097	ng		100
32) Benzoic acid	7.84	122	225601	40.391	ng		89
33) 4-Chloroaniline	8.13	127	155961	14.403	ng		99
34) Hexachlorobutadiene	8.20	225	166567	39.268	ng		97
35) Caprolactam	8.50	113	115909m	52.025	ng		
36) 4-Chloro-3-methylphenol	8.62	107	356082	42.290	ng	#	80
37) 2-Methylnaphthalene	8.77	142	677054	43.012	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	269250	38.755	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	346105	103.697	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	199224	42.712	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	206689	44.666	ng		96
45) 1,1'-Biphenyl	9.24	154	808777	39.178	ng		97
46) 2-Chloronaphthalene	9.26	162	592682	38.856	ng	#	92
47) 2-Nitroaniline	9.36	65	229256	44.834	ng		97
48) Acenaphthylene	9.67	152	984665	41.108	ng		99
49) Dimethylphthalate	9.54	163	701493	42.392	ng		100
50) 2,6-Dinitrotoluene	9.60	165	150221	45.479	ng	#	59
51) Acenaphthene	9.85	154	599889	39.710	ng		100
52) 3-Nitroaniline	9.76	138	105093	24.660	ng		81
53) 2,4-Dinitrophenol	9.87	184	147937	92.360	ng	#	70
54) Dibenzofuran	10.02	168	871750	43.057	ng		98
55) 4-Nitrophenol	9.93	139	293502	86.336	ng	#	50
56) 2,4-Dinitrotoluene	10.00	165	205814	49.651	ng	#	66
57) Fluorene	10.36	166	657392	41.997	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	173686	48.479	ng		93
59) Diethylphthalate	10.24	149	713549	41.235	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	306059	42.087	ng	#	84
61) 4-Nitroaniline	10.38	138	172027	42.472	ng		75
62) Azobenzene	10.52	77	870034	42.327	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	98073	47.614	ng	#	71
65) n-Nitrosodiphenylamine	10.47	169	603608	40.483	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	189163	41.604	ng		93
67) Hexachlorobenzene	10.90	284	186663	40.278	ng	#	84
68) Atrazine	11.00	200	182092	46.051	ng		97
69) Pentachlorophenol	11.10	266	228052	84.398	ng		98
70) Phenanthrene	11.32	178	967668	41.475	ng		99
71) Anthracene	11.37	178	993010	41.962	ng		99
72) Carbazole	11.53	167	928231	41.323	ng		99
73) Di-n-butylphthalate	11.86	149	1110580	42.923	ng		99
74) Fluoranthene	12.50	202	1024372	42.064	ng		97
76) Benzidine	12.63	184	262566	23.008	ng	#	92
77) Pyrene	12.73	202	1063783	37.369	ng		98
79) Butylbenzylphthalate	13.36	149	473181	43.354	ng	#	79
80) Benzo(a)anthracene	13.92	228	819889	39.304	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	184191	26.167	ng	#	95
82) Chrysene	13.96	228	786388	37.896	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	553673	45.780	ng	#	99
84) Di-n-octyl phthalate	14.53	149	939441	44.643	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	615394	40.313	ng		95
87) Benzo(b)fluoranthene	14.94	252	680783	43.119	ng		99
88) Benzo(k)fluoranthene	14.97	252	600407	40.477	ng	#	95
89) Benzo(a)pyrene	15.30	252	596299	42.662	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	504006	44.292	ng		98
91) Benzo(g,h,i)perylene	17.18	276	520722	43.857	ng	#	92

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

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