Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100026.D
Acq On : 1 Nov 2017 4:47
Operator : SJ/JU
Sample : PB103271BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 01 08:30:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB103271BS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135389	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	563143	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	261650	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	460311	20.00	ng		0.00
75) Chrysene-d12	14.00	240	289318	20.00	ng		0.02
86) Perylene-d12	15.52	264	253093	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	947518	109.87	ng		0.02
7) Phenol-d6	6.45	99	1093096	106.90	ng		0.02
23) Nitrobenzene-d5	7.37	82	649093	74.21	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	240574	100.89	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1269278	74.84	ng		0.00
78) Terphenyl-d14	12.92	244	1051723	79.44	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	126140	33.123	ng	#	87
3) Pyridine	3.34	79	318909	34.824	ng	#	86
4) n-Nitrosodimethylamine	3.31	42	121438	37.118	ng	#	66
6) Aniline	6.46	93	393268	29.662	ng	#	20
8) 2-Chlorophenol	6.59	128	367885	40.027	ng		90
9) Benzaldehyde	6.35	77	140957	23.069	ng		94
10) Phenol	6.46	94	414594	36.929	ng		85
11) bis(2-Chloroethyl)ether	6.53	93	335997	38.756	ng		94
12) 1,3-Dichlorobenzene	6.73	146	391277	37.915	ng		96
13) 1,4-Dichlorobenzene	6.80	146	398347	38.033	ng		98
14) 1,2-Dichlorobenzene	6.96	146	354339	37.120	ng		96
15) Benzyl Alcohol	6.95	79	237419	36.510	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	394645	40.979	ng	#	13
17) 2-Methylphenol	7.06	107	290230	37.751	ng	#	92
18) Hexachloroethane	7.29	117	121518	34.776	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	214107	35.731	ng	#	88
20) 3+4-Methylphenols	7.22	107	358729	40.073	ng	#	84
22) Acetophenone	7.21	105	465259	36.285	ng	#	96
24) Nitrobenzene	7.39	77	339763	38.550	ng		91
25) Isophorone	7.62	82	657413	41.419	ng		95
26) 2-Nitrophenol	7.70	139	190551	37.748	ng	#	86
27) 2,4-Dimethylphenol	7.74	122	329614	44.317	ng		93
28) bis(2-Chloroethoxy)methane	7.83	93	426752	38.391	ng		99
29) 2,4-Dichlorophenol	7.95	162	322813	41.780	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	315951	38.272	ng		99
31) Naphthalene	8.10	128	1033383	38.015	ng		100
32) Benzoic acid	7.92	122	189659	28.970	ng		93
33) 4-Chloroaniline	8.16	127	376896	33.577	ng	#	93
34) Hexachlorobutadiene	8.20	225	159287	37.512	ng		98
35) Caprolactam	8.56	113	94510m	38.896	ng		
36) 4-Chloro-3-methylphenol	8.65	107	317811	40.299	ng		94
37) 2-Methylnaphthalene	8.79	142	710700	39.014	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	300008	35.501	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	52338	40.374	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	202217	39.560	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	197191	36.353	ng		96
45) 1,1'-Biphenyl	9.26	154	837978	35.402	ng		98
46) 2-Chloronaphthalene	9.28	162	655541	38.135	ng		97
47) 2-Nitroaniline	9.39	65	179543	39.795	ng		86
48) Acenaphthylene	9.70	152	956673	36.133	ng		100
49) Dimethylphthalate	9.56	163	757777	36.571	ng		99
50) 2,6-Dinitrotoluene	9.64	165	169415	38.893	ng	#	80
51) Acenaphthene	9.87	154	589352	36.430	ng		100
52) 3-Nitroaniline	9.81	138	177534	34.590	ng		90
53) 2,4-Dinitrophenol	9.93	184	64572	40.603	ng	#	86
54) Dibenzofuran	10.04	168	864319	37.850	ng		100
55) 4-Nitrophenol	10.00	139	162886	60.738	ng	#	78
56) 2,4-Dinitrotoluene	10.05	165	215029	40.991	ng	#	83
57) Fluorene	10.39	166	699652	37.004	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	157449	41.399	ng	#	88
59) Diethylphthalate	10.26	149	750443	37.087	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	321414	36.121	ng		91
61) 4-Nitroaniline	10.44	138	190226	38.847	ng		85
62) Azobenzene	10.53	77	631694	37.242	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	59417	20.534	ng		78
65) n-Nitrosodiphenylamine	10.50	169	637063	37.492	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	194373	40.110	ng		91
67) Hexachlorobenzene	10.94	284	191219	38.570	ng		92
68) Atrazine	11.03	200	196535	38.505	ng		99
69) Pentachlorophenol	11.15	266	135320	63.878	ng		97
70) Phenanthrene	11.36	178	970288	37.351	ng		98
71) Anthracene	11.41	178	998011	37.848	ng		99
72) Carbazole	11.57	167	924716	37.292	ng		99
73) Di-n-butylphthalate	11.88	149	1169533	36.978	ng		98
74) Fluoranthene	12.55	202	940804	34.849	ng		98
76) Benzidine	12.67	184	396661	31.332	ng		99
77) Pyrene	12.78	202	939198	42.692	ng		100
79) Butylbenzylphthalate	13.39	149	472224	43.590	ng		88
80) Benzo(a)anthracene	13.99	228	700018	38.167	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	224764	33.760	ng		99
82) Chrysene	14.03	228	661277	38.351	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	578080	37.998	ng		98
84) Di-n-octyl phthalate	14.60	149	983642	37.671	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.03	276	606389	38.308	ng		97
87) Benzo(b)fluoranthene	15.09	252	596923	37.351	ng		98
88) Benzo(k)fluoranthene	15.12	252	600937	39.876	ng		100
89) Benzo(a)pyrene	15.46	252	572473	39.877	ng		99
90) Dibenzo(a,h)anthracene	17.03	278	516518	40.491	ng		98
91) Benzo(g,h,i)perylene	17.48	276	526554	42.192	ng		98

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

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