Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101588.D
Acq On : 21 Dec 2017 4:46
Operator : SJ/JU
Sample : PB105190BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105190BSD

Quant Time: Dec 21 05:21:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142908	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	548715	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	222482	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	348525	20.00	ng		0.00
75) Chrysene-d12	13.97	240	273957	20.00	ng		0.00
86) Perylene-d12	15.43	264	301836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	796246	83.00	ng		0.01
7) Phenol-d6	6.44	99	896204	75.06	ng		0.00
23) Nitrobenzene-d5	7.37	82	813117	82.49	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	156023	72.78	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1281801	89.37	ng		0.00
78) Terphenyl-d14	12.90	244	870679	76.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	171783	34.847	ng		96
3) Pyridine	3.36	79	440038	32.128	ng		98
4) n-Nitrosodimethylamine	3.32	42	224990	35.677	ng	#	96
6) Aniline	6.46	93	342194	20.623	ng	#	75
8) 2-Chlorophenol	6.59	128	370143	36.676	ng		98
9) Benzaldehyde	6.35	77	206446	23.412	ng		98
10) Phenol	6.45	94	484482	35.601	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	384456	36.016	ng		95
12) 1,3-Dichlorobenzene	6.73	146	413454	36.299	ng		98
13) 1,4-Dichlorobenzene	6.81	146	416135	35.777	ng		99
14) 1,2-Dichlorobenzene	6.96	146	375360	35.852	ng		99
15) Benzyl Alcohol	6.95	79	275068	33.470	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	628877	38.494	ng		69
17) 2-Methylphenol	7.06	107	300531	32.373	ng	#	88
18) Hexachloroethane	7.30	117	137462	33.992	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	260268	33.192	ng		92
20) 3+4-Methylphenols	7.22	107	380123	38.641	ng	#	61
22) Acetophenone	7.21	105	508952	40.650	ng	#	91
24) Nitrobenzene	7.39	77	417461	38.266	ng		94
25) Isophorone	7.62	82	757513	38.308	ng		97
26) 2-Nitrophenol	7.70	139	185342	39.544	ng		98
27) 2,4-Dimethylphenol	7.74	122	324475	40.750	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	474882	37.806	ng		98
29) 2,4-Dichlorophenol	7.95	162	301965	38.386	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	307710	37.066	ng		96
31) Naphthalene	8.10	128	1000496	36.218	ng		100
32) Benzoic acid	7.89	122	165538	33.698	ng		92
33) 4-Chloroaniline	8.16	127	132990	11.077	ng		99
34) Hexachlorobutadiene	8.21	225	178188	37.112	ng		97
35) Caprolactam	8.54	113	99513	36.431	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	306030	35.395	ng		98
37) 2-Methylnaphthalene	8.79	142	645898	35.888	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	302348	40.251	ng		97
40) Hexachlorocyclopentadiene	8.93	237	9092	19.171	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	185450	41.009	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	184884	37.339	ng		97
45) 1,1'-Biphenyl	9.26	154	774830	39.270	ng		99
46) 2-Chloronaphthalene	9.29	162	577084	38.225	ng		95
47) 2-Nitroaniline	9.39	65	208102	39.902	ng		90
48) Acenaphthylene	9.70	152	828792	34.757	ng		100
49) Dimethylphthalate	9.56	163	651361	36.398	ng	#	99
50) 2,6-Dinitrotoluene	9.63	165	137530	37.812	ng		94
51) Acenaphthene	9.87	154	498015	34.762	ng		99
52) 3-Nitroaniline	9.80	138	105748	23.320	ng		99
53) 2,4-Dinitrophenol	9.93	184	32049	32.356	ng	#	17
54) Dibenzofuran	10.04	168	695154	38.182	ng		97
55) 4-Nitrophenol	9.98	139	128050	64.760	ng	#	81
56) 2,4-Dinitrotoluene	10.05	165	158514	38.682	ng	#	88
57) Fluorene	10.39	166	555190	36.047	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	143416	40.314	ng	#	86
59) Diethylphthalate	10.25	149	640756	36.156	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	276586	37.471	ng		95
61) 4-Nitroaniline	10.42	138	124458	27.305	ng		96
62) Azobenzene	10.53	77	648871	35.345	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	31448	17.682	ng		91
65) n-Nitrosodiphenylamine	10.49	169	514724	39.997	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	162350	41.457	ng	#	85
67) Hexachlorobenzene	10.93	284	156358	37.725	ng		95
68) Atrazine	11.02	200	159254	41.502	ng		96
69) Pentachlorophenol	11.14	266	114431	71.735	ng		99
70) Phenanthrene	11.35	178	705439	36.397	ng		99
71) Anthracene	11.40	178	725962	36.668	ng		99
72) Carbazole	11.56	167	643882	34.736	ng		99
73) Di-n-butylphthalate	11.87	149	887602	39.453	ng		99
74) Fluoranthene	12.54	202	674224	33.141	ng		98
76) Benzidine	12.66	184	364383	31.492	ng		99
77) Pyrene	12.77	202	689552	33.538	ng		100
79) Butylbenzylphthalate	13.37	149	320426	34.443	ng		95
80) Benzo(a)anthracene	13.96	228	659777	36.472	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	236490	40.093	ng		98
82) Chrysene	14.00	228	634070	37.123	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	415558	35.266	ng		99
84) Di-n-octyl phthalate	14.54	149	802562	38.191	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	624937	41.088	ng		96
87) Benzo(b)fluoranthene	15.01	252	719125	39.088	ng		99
88) Benzo(k)fluoranthene	15.04	252	602219	33.667	ng		98
89) Benzo(a)pyrene	15.38	252	646557	38.123	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	532054	36.538	ng		97
91) Benzo(g,h,i)perylene	17.36	276	516916	35.850	ng		95

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

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