Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101271.D
Acq On : 9 Dec 2017 8:51
Operator : SJ/JU
Sample : I6744-01MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PROS-3-E(0-1)MS

Quant Time: Dec 11 01:04:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45590	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	164609	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	67129	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	112998	20.00	ng		0.00
75) Chrysene-d12	14.01	240	84663	20.00	ng		0.00
86) Perylene-d12	15.49	264	66736	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	268683	97.39	ng		0.01
7) Phenol-d6	6.47	99	391867	116.99	ng		0.01
23) Nitrobenzene-d5	7.40	82	235175	85.23	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	51256	63.56	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	434351	88.53	ng		0.00
78) Terphenyl-d14	12.94	244	351001	90.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	34393	30.147	ng		97
3) Pyridine	3.36	79	89627	30.305	ng		94
4) n-Nitrosodimethylamine	3.32	42	53584	37.096	ng	#	87
6) Aniline	6.49	93	92213	21.170	ng	#	55
8) 2-Chlorophenol	6.62	128	98723	32.818	ng		91
9) Benzaldehyde	6.38	77	34223	16.693	ng		91
10) Phenol	6.49	94	141030	37.865	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	99326	35.554	ng		100
12) 1,3-Dichlorobenzene	6.77	146	122561	34.990	ng		97
13) 1,4-Dichlorobenzene	6.85	146	125068	34.487	ng		98
14) 1,2-Dichlorobenzene	7.00	146	118903	35.151	ng		97
15) Benzyl Alcohol	6.97	79	84156	32.529	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152867	40.255	ng		90
17) 2-Methylphenol	7.09	107	88514	36.440	ng		96
18) Hexachloroethane	7.33	117	20796	17.849	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	73597	32.625	ng		91
20) 3+4-Methylphenols	7.25	107	112211	35.422	ng	#	64
22) Acetophenone	7.24	105	145035	36.470	ng	#	91
24) Nitrobenzene	7.42	77	104885	38.782	ng		100
25) Isophorone	7.65	82	190399	40.395	ng		99
26) 2-Nitrophenol	7.73	139	16903	11.385	ng		98
27) 2,4-Dimethylphenol	7.77	122	93202	43.397	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	122943	38.809	ng		98
29) 2,4-Dichlorophenol	7.97	162	76146	32.573	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	95227	37.046	ng		93
31) Naphthalene	8.13	128	297844	36.713	ng		100
33) 4-Chloroaniline	8.19	127	79135	24.277	ng		99
34) Hexachlorobutadiene	8.25	225	57368	36.388	ng		98
35) Caprolactam	8.55	113	24445	33.554	ng		85
36) 4-Chloro-3-methylphenol	8.67	107	81333	33.587	ng		97
37) 2-Methylnaphthalene	8.83	142	192071	34.843	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	85937	35.239	ng	#	96
42) 2,4,6-Trichlorophenol	9.11	196	30006	20.990	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	40222	26.318	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.29	154	220924	35.920	ng		95
46) 2-Chloronaphthalene	9.32	162	169454	38.796	ng		95
47) 2-Nitroaniline	9.42	65	52773	40.837	ng		97
48) Acenaphthylene	9.73	152	252381	35.160	ng		99
49) Dimethylphthalate	9.59	163	238951	44.137	ng		99
50) 2,6-Dinitrotoluene	9.66	165	31052	27.232	ng		97
51) Acenaphthene	9.90	154	147871	34.403	ng		99
52) 3-Nitroaniline	9.83	138	50278	39.209	ng		89
54) Dibenzofuran	10.07	168	219271	35.400	ng		99
55) 4-Nitrophenol	10.00	139	14263	16.493	ng		95
56) 2,4-Dinitrotoluene	10.07	165	32330	21.156	ng	#	90
57) Fluorene	10.42	166	169763	33.715	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	17424	14.239	ng	#	68
59) Diethylphthalate	10.29	149	193807	36.295	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	84302	33.909	ng		90
61) 4-Nitroaniline	10.45	138	49974	37.543	ng		97
62) Azobenzene	10.57	77	142338	31.410	ng		93
65) n-Nitrosodiphenylamine	10.53	169	160113	40.164	ng		92
66) 4-Bromophenyl-phenylether	10.90	248	49823	39.391	ng	#	87
67) Hexachlorobenzene	10.97	284	48897	36.071	ng	#	82
68) Atrazine	11.05	200	34693	28.371	ng		93
69) Pentachlorophenol	11.17	266	10897	14.620	ng		98
70) Phenanthrene	11.39	178	319044	51.271	ng		98
71) Anthracene	11.44	178	257406	40.871	ng		98
72) Carbazole	11.59	167	212332	36.900	ng		99
73) Di-n-butylphthalate	11.92	149	267358	37.069	ng		98
74) Fluoranthene	12.58	202	379777	55.058	ng		96
76) Benzidine	12.70	184	109026	39.601	ng		97
77) Pyrene	12.81	202	371467	63.585	ng		99
79) Butylbenzylphthalate	13.42	149	106380	41.302	ng		92
80) Benzo(a)anthracene	14.00	228	252812	47.294	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	63273	34.178	ng		99
82) Chrysene	14.04	228	218511	44.015	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	153050	41.675	ng		96
84) Di-n-octyl phthalate	14.59	149	239632	39.189	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	149094	33.780	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	178599	44.680	ng		97
88) Benzo(k)fluoranthene	15.09	252	160242m	40.689	ng		
89) Benzo(a)pyrene	15.43	252	157645	43.380	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	114406	35.710	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	118033	39.093	ng	#	91

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

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