Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097245.D
Acq On : 1 Aug 2017 21:33
Operator : SJ/JU
Sample : I4512-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HDD-PILWC4MS

Quant Time: Aug 02 03:55:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	103077	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	387664	20.00	ng		-0.04
38) Acenaphthene-d10	9.49	164	146413	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	206202	20.00	ng		-0.04
75) Chrysene-d12	13.59	240	183623	20.00	ng		-0.04
86) Perylene-d12	14.93	264	162746	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	605022	88.48	ng		-0.02
7) Phenol-d6	6.14	99	637020	81.61	ng		-0.03
23) Nitrobenzene-d5	7.03	82	385173	58.29	ng		-0.04
41) 2,4,6-Tribromophenol	10.28	330	85397	73.82	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	574123	66.55	ng		-0.04
78) Terphenyl-d14	12.54	244	356778	39.61	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	80854	28.336	ng	#	75
3) Pyridine	2.63	79	195817	22.411	ng	#	67
4) n-Nitrosodimethylamine	2.58	42	124331	25.685	ng		83
6) Aniline	6.13	93	218931	22.288	ng		97
8) 2-Chlorophenol	6.26	128	197985	27.079	ng		94
9) Benzaldehyde	6.01	77	123412	26.710	ng		99
10) Phenol	6.15	94	292744	31.617	ng		94
11) bis(2-Chloroethyl)ether	6.21	93	206029	28.134	ng		91
12) 1,3-Dichlorobenzene	6.40	146	215174	27.309	ng		99
13) 1,4-Dichlorobenzene	6.48	146	214616	27.485	ng		95
14) 1,2-Dichlorobenzene	6.63	146	198492	29.113	ng		98
15) Benzyl Alcohol	6.63	79	155264	31.416	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	398417	27.125	ng		57
17) 2-Methylphenol	6.76	107	150591	26.687	ng	#	89
18) Hexachloroethane	6.97	117	67124	23.497	ng	#	84
19) n-Nitroso-di-n-propylamine	6.89	70	155394	30.243	ng	#	84
20) 3+4-Methylphenols	6.92	107	210940	28.622	ng	#	64
22) Acetophenone	6.88	105	297463	31.952	ng	#	99
24) Nitrobenzene	7.05	77	208603	30.310	ng		96
25) Isophorone	7.29	82	356007	27.509	ng		100
26) 2-Nitrophenol	7.37	139	91468	24.565	ng	#	87
27) 2,4-Dimethylphenol	7.43	122	169947	27.669	ng		96
28) bis(2-Chloroethoxy)methane	7.52	93	242383	28.700	ng		98
29) 2,4-Dichlorophenol	7.63	162	137140	25.918	ng		97
30) 1,2,4-Trichlorobenzene	7.69	180	133152	26.400	ng		96
31) Naphthalene	7.77	128	519946	28.453	ng		99
32) Benzoic acid	7.55	122	14736	3.213	ng		97
33) 4-Chloroaniline	7.83	127	142869	19.214	ng		95
34) Hexachlorobutadiene	7.89	225	76752	28.705	ng		95
35) Caprolactam	8.19	113	45815	27.002	ng	#	58
36) 4-Chloro-3-methylphenol	8.34	107	149529	25.903	ng		91
37) 2-Methylnaphthalene	8.46	142	333058	28.786	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	116393	29.793	ng		99
40) Hexachlorocyclopentadiene	8.62	237	3311	8.815	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	77767	27.469 ng		99
43) 2,4,5-Trichlorophenol	8.80	196	79369	28.009 ng		95
45) 1,1'-Biphenyl	8.92	154	362487	28.986 ng		98
46) 2-Chloronaphthalene	8.95	162	272599	29.621 ng		94
47) 2-Nitroaniline	9.05	65	107095	32.066 ng		97
48) Acenaphthylene	9.35	152	407016	28.814 ng		99
49) Dimethylphthalate	9.23	163	387967	34.894 ng		98
50) 2,6-Dinitrotoluene	9.29	165	64273	27.256 ng	#	80
51) Acenaphthene	9.53	154	235864	28.348 ng		100
52) 3-Nitroaniline	9.46	138	74233	25.361 ng		94
54) Dibenzofuran	9.70	168	333952	30.133 ng		99
55) 4-Nitrophenol	9.66	139	66882	38.424 ng	#	69
56) 2,4-Dinitrotoluene	9.70	165	70361	25.955 ng	#	79
57) Fluorene	10.04	166	244438	29.345 ng		97
58) 2,3,4,6-Tetrachlorophenol	9.83	232	52603	26.886 ng		98
59) Diethylphthalate	9.93	149	300254	29.436 ng		99
60) 4-Chlorophenyl-phenylether	10.03	204	107778	31.334 ng		98
61) 4-Nitroaniline	10.07	138	64926	23.345 ng		91
62) Azobenzene	10.19	77	257853	27.249 ng		92
64) 4,6-Dinitro-2-methylphenol	10.12	198	3192	2.491 ng		93
65) n-Nitrosodiphenylamine	10.16	169	225162	31.383 ng		98
66) 4-Bromophenyl-phenylether	10.52	248	61049	29.667 ng		95
67) Hexachlorobenzene	10.59	284	61720	26.746 ng	#	86
68) Atrazine	10.69	200	61852	30.064 ng		92
69) Pentachlorophenol	10.79	266	41938	43.923 ng		96
70) Phenanthrene	10.99	178	312461	28.281 ng		98
71) Anthracene	11.04	178	331908	29.331 ng		97
72) Carbazole	11.20	167	319985	28.752 ng		98
73) Di-n-butylphthalate	11.55	149	406482	29.548 ng		99
74) Fluoranthene	12.17	202	315039	29.107 ng		97
76) Benzidine	12.30	184	190259	27.925 ng	#	93
77) Pyrene	12.39	202	332608	22.126 ng		99
79) Butylbenzylphthalate	13.03	149	164822	21.555 ng	#	77
80) Benzo(a)anthracene	13.58	228	295662	24.885 ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	108162	24.141 ng	#	96
82) Chrysene	13.62	228	292685	25.228 ng		98
83) Bis(2-ethylhexyl)phthalate	13.60	149	227454	22.782 ng		99
84) Di-n-octyl phthalate	14.20	149	479860	26.191 ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.15	276	191097	19.209 ng		96
87) Benzo(b)fluoranthene	14.58	252	282908	28.918 ng		98
88) Benzo(k)fluoranthene	14.60	252	254223	27.270 ng		96
89) Benzo(a)pyrene	14.89	252	241483	26.970 ng		98
90) Dibenzo(a,h)anthracene	16.15	278	164655	22.425 ng	#	94
91) Benzo(g,h,i)perylene	16.50	276	157373	20.439 ng		96

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

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