Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097676.D
Acq On : 13 Aug 2017 16:03
Operator : SJ/JU
Sample : I4703-01MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-G9-BASEMSD

Quant Time: Aug 14 05:33:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107897	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	450414	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	176606	20.00	ng		-0.01
63) Phenanthrene-d10	14.75	188	242005	20.00	ng		-0.01
75) Chrysene-d12	18.45	240	185192	20.00	ng		-0.01
86) Perylene-d12	20.12	264	167203	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	571861	84.24	ng		0.03
7) Phenol-d6	7.07	99	693912	82.41	ng		0.02
23) Nitrobenzene-d5	8.42	82	406191	56.55	ng		0.00
41) 2,4,6-Tribromophenol	13.65	330	89998	67.04	ng		-0.01
44) 2-Fluorobiphenyl	11.30	172	568697	48.60	ng		-0.02
78) Terphenyl-d14	17.10	244	344576	38.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	67765	23.004	ng	#	62
3) Pyridine	2.44	79	191771	22.320	ng	#	64
4) n-Nitrosodimethylamine	2.40	42	130413	26.160	ng	#	76
6) Aniline	7.00	93	241654	19.968	ng		99
8) 2-Chlorophenol	7.19	128	218904	28.131	ng		93
9) Benzaldehyde	6.82	77	86263	15.536	ng		97
10) Phenol	7.09	94	286247	31.047	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	218638	29.565	ng		89
12) 1,3-Dichlorobenzene	7.40	146	212616	24.398	ng		98
13) 1,4-Dichlorobenzene	7.40	146	212616	23.969	ng		95
14) 1,2-Dichlorobenzene	7.76	146	204173	25.222	ng		97
15) Benzyl Alcohol	7.80	79	179947	30.925	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	433585	26.114	ng		90
17) 2-Methylphenol	8.04	107	163664	27.137	ng		99
18) Hexachloroethane	8.27	117	69613	22.938	ng	#	75
19) n-Nitroso-di-n-propylamine	8.22	70	165955	28.334	ng	#	80
20) 3+4-Methylphenols	8.30	107	227957	30.863	ng	#	59
22) Acetophenone	8.19	105	309609	29.096	ng	#	98
24) Nitrobenzene	8.45	77	227206	29.025	ng		94
25) Isophorone	8.85	82	394309	29.799	ng		97
26) 2-Nitrophenol	8.96	139	101064	25.525	ng	#	85
27) 2,4-Dimethylphenol	9.11	122	178899	27.095	ng		97
28) bis(2-Chloroethoxy)methane	9.22	93	247660	25.904	ng		98
29) 2,4-Dichlorophenol	9.40	162	169047	29.036	ng		96
30) 1,2,4-Trichlorobenzene	9.46	180	155086	26.868	ng		98
31) Naphthalene	9.56	128	597235	26.473	ng		99
33) 4-Chloroaniline	9.72	127	173593	18.574	ng		96
34) Hexachlorobutadiene	9.78	225	82040	26.019	ng		100
35) Caprolactam	10.30	113	47545	25.346	ng	#	52
36) 4-Chloro-3-methylphenol	10.59	107	177561	27.144	ng	#	84
37) 2-Methylnaphthalene	10.69	142	398859	28.098	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	140869	28.169	ng		100
40) Hexachlorocyclopentadiene	10.95	237	806	11.671	ng		82
42) 2,4,6-Trichlorophenol	11.20	196	91063	27.638	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.30	196	81422	26.164	ng		98
45) 1,1'-Biphenyl	11.46	154	420571	27.757	ng		97
46) 2-Chloronaphthalene	11.47	162	311358	26.763	ng	#	93
47) 2-Nitroaniline	11.69	65	125416	27.520	ng		95
48) Acenaphthylene	12.12	152	484423	26.193	ng		98
49) Dimethylphthalate	12.00	163	463903	34.084	ng		99
50) 2,6-Dinitrotoluene	12.10	165	76651	27.272	ng	#	64
51) Acenaphthene	12.40	154	281328	25.382	ng		97
52) 3-Nitroaniline	12.37	138	84981	23.092	ng		98
54) Dibenzofuran	12.69	168	431690	27.821	ng		100
55) 4-Nitrophenol	12.69	139	165164	117.845	ng	#	27
56) 2,4-Dinitrotoluene	12.77	165	98038	26.134	ng	#	80
57) Fluorene	13.25	166	326850	25.614	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	51055	23.889	ng	#	94
59) Diethylphthalate	13.15	149	389813	30.323	ng		98
60) 4-Chlorophenyl-phenylether	13.27	204	144211	26.472	ng		95
61) 4-Nitroaniline	13.37	138	80927	23.053	ng		92
62) Azobenzene	13.53	77	348840	27.276	ng		93
64) 4,6-Dinitro-2-methylphenol	13.47	198	3447	2.335	ng	#	1
65) n-Nitrosodiphenylamine	13.49	169	281299	31.454	ng		99
66) 4-Bromophenyl-phenylether	14.06	248	77443	30.845	ng		97
67) Hexachlorobenzene	14.14	284	76290	27.895	ng	#	90
68) Atrazine	14.40	200	74507	33.204	ng		94
69) Pentachlorophenol	14.53	266	5176	15.747	ng		98
70) Phenanthrene	14.79	178	384026	27.551	ng		98
71) Anthracene	14.87	178	389048	27.280	ng		98
72) Carbazole	15.17	167	372908	27.467	ng		99
73) Di-n-butylphthalate	15.74	149	507890	31.961	ng		98
74) Fluoranthene	16.55	202	344610	27.361	ng		98
76) Benzidine	16.78	184	204633	33.529	ng	#	92
77) Pyrene	16.86	202	345343	22.550	ng		99
79) Butylbenzylphthalate	17.77	149	178118	27.821	ng	#	77
80) Benzo(a)anthracene	18.44	228	292558	27.048	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	104499	28.013	ng	#	96
82) Chrysene	18.48	228	288574	26.824	ng		100
83) Bis(2-ethylhexyl)phthalate	18.52	149	252372	27.715	ng		99
84) Di-n-octyl phthalate	19.29	149	459983	28.925	ng	#	92
85) Indeno(1,2,3-cd)pyrene	21.33	276	235162	28.105	ng		97
87) Benzo(b)fluoranthene	19.71	252	289593	28.843	ng		97
88) Benzo(k)fluoranthene	19.74	252	270568	26.757	ng		96
89) Benzo(a)pyrene	20.06	252	259297	28.137	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	202658	30.714	ng		96
91) Benzo(g,h,i)perylene	21.68	276	193365	26.714	ng		97

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

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