Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100411.D
Acq On : 11 Nov 2017 00:46
Operator : SJ/JU
Sample : I6332-03MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-0029MSD

Manual Integrations APPROVED
SOHIL
11/13/2017 4:43:35 PM

Quant Time: Nov 13 07:27:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176077	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	681806	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	275816	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	426277	20.00	ng		0.00
75) Chrysene-d12	14.07	240	330092	20.00	ng		0.00
86) Perylene-d12	15.55	264	270720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	558065	50.81	ng		0.00
7) Phenol-d6	6.53	99	524447	38.72	ng		0.00
23) Nitrobenzene-d5	7.47	82	999592	96.93	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	295606	105.18	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1630978	90.04	ng		0.00
78) Terphenyl-d14	13.01	244	1175000	81.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	89856	16.786	ng		96
3) Pyridine	3.54	79	131438	9.000	ng		94
4) n-Nitrosodimethylamine	3.46	42	118594	16.725	ng		98
6) Aniline	6.57	93	299365	15.644	ng		100
8) 2-Chlorophenol	6.69	128	437427	37.643	ng		99
9) Benzaldehyde	6.46	77	242917	25.112	ng	#	32
10) Phenol	6.54	94	232912	16.380	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	525410	43.991	ng		94
12) 1,3-Dichlorobenzene	6.85	146	588626	43.936	ng		99
13) 1,4-Dichlorobenzene	6.92	146	589582	43.480	ng		99
14) 1,2-Dichlorobenzene	7.08	146	542375	43.261	ng		96
15) Benzyl Alcohol	7.05	79	288277	27.270	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	972072	50.887	ng		99
17) 2-Methylphenol	7.16	107	314131	31.634	ng		99
18) Hexachloroethane	7.42	117	186211	41.650	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	378269	40.269	ng		92
20) 3+4-Methylphenols	7.30	107	322669	25.678	ng	#	79
22) Acetophenone	7.32	105	890033	53.534	ng		98
24) Nitrobenzene	7.49	77	567168	53.434	ng		99
25) Isophorone	7.73	82	1053011	48.590	ng		99
26) 2-Nitrophenol	7.80	139	241054	48.388	ng		96
27) 2,4-Dimethylphenol	7.84	122	509233	52.418	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	702086	49.528	ng		98
29) 2,4-Dichlorophenol	8.05	162	401417	43.283	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	454117	45.267	ng		97
31) Naphthalene	8.21	128	1432164	43.611	ng		99
32) Benzoic acid	7.93	122	71027	17.054	ng	#	82
33) 4-Chloroaniline	8.26	127	269947	19.748	ng		98
34) Hexachlorobutadiene	8.32	225	258888	43.403	ng		98
35) Caprolactam	8.66	113	20635m	6.483	ng		
36) 4-Chloro-3-methylphenol	8.73	107	388471	39.001	ng		100
37) 2-Methylnaphthalene	8.90	142	927622	42.547	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	426664	46.643	ng		97
40) Hexachlorocyclopentadiene	9.05	237	66704	15.494	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	279886	48.277	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	284177	47.310	ng		93
45) 1,1'-Biphenyl	9.36	154	1083379	45.415	ng		100
46) 2-Chloronaphthalene	9.39	162	833482	48.161	ng		97
47) 2-Nitroaniline	9.49	65	281480	54.636	ng		96
48) Acenaphthylene	9.81	152	1233756	43.018	ng		99
49) Dimethylphthalate	9.66	163	1054741	50.085	ng		99
50) 2,6-Dinitrotoluene	9.73	165	213017	51.102	ng		94
51) Acenaphthene	9.98	154	734724	42.122	ng		100
52) 3-Nitroaniline	9.89	138	170494	34.637	ng		98
53) 2,4-Dinitrophenol	9.99	184	22365	23.137	ng	#	32
54) Dibenzofuran	10.15	168	1079063	44.139	ng		98
55) 4-Nitrophenol	10.05	139	113047	28.284	ng		96
56) 2,4-Dinitrotoluene	10.13	165	256611	48.797	ng	#	94
57) Fluorene	10.49	166	754973	42.156	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	215928	43.862	ng	#	86
59) Diethylphthalate	10.36	149	977025	46.361	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	400736	45.613	ng		94
61) 4-Nitroaniline	10.51	138	191535	41.036	ng		91
62) Azobenzene	10.65	77	868494	43.756	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	19289	15.932	ng		80
65) n-Nitrosodiphenylamine	10.60	169	765118	51.620	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	248283	54.333	ng	#	83
67) Hexachlorobenzene	11.04	284	242581	50.757	ng	#	85
68) Atrazine	11.13	200	235347	52.454	ng		97
69) Pentachlorophenol	11.23	266	246011	71.786	ng		97
70) Phenanthrene	11.46	178	1047578	46.675	ng		99
71) Anthracene	11.50	178	1073002	47.122	ng		100
72) Carbazole	11.66	167	951700	45.296	ng		99
73) Di-n-butylphthalate	11.99	149	1320126	53.691	ng		99
74) Fluoranthene	12.64	202	1055995	44.395	ng		96
76) Benzidine	12.76	184	262386	19.848	ng		98
77) Pyrene	12.87	202	1082840	46.019	ng		100
79) Butylbenzylphthalate	13.49	149	498990	52.000	ng		93
80) Benzo(a)anthracene	14.06	228	959420	48.265	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	321290	45.112	ng	#	98
82) Chrysene	14.10	228	914789	47.524	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	685473	54.312	ng		99
84) Di-n-octyl phthalate	14.65	149	1182817	54.553	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	689522	44.286	ng		96
87) Benzo(b)fluoranthene	15.12	252	787039	49.071	ng		98
88) Benzo(k)fluoranthene	15.14	252	770643	50.853	ng		99
89) Benzo(a)pyrene	15.49	252	699834	49.219	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	574431	49.399	ng		98
91) Benzo(g,h,i)perylene	17.50	276	577171	50.705	ng		96

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

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