Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF013118\
Data File : BF102678.D
Acq On : 1 Feb 2018 1:56
Operator : SJ/JU
Sample : J1010-11MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Manual Integrations APPROVED
Sohil
2/1/2018 12:14:37 PM

Quant Time: Feb 12 19:06:55 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152872	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	567784	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	206906	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	324874	20.00	ng		0.00
75) Chrysene-d12	13.88	240	279515	20.00	ng		0.01
86) Perylene-d12	15.30	264	203890	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1163525	115.40	ng		0.05
7) Phenol-d6	6.39	99	1232244	101.38	ng		0.03
23) Nitrobenzene-d5	7.29	82	911144	92.22	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	218127	106.40	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	1379393	98.02	ng		0.00
78) Terphenyl-d14	12.82	244	1154794	93.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	197658	41.262	ng	#	82
3) Pyridine	3.33	79	84625m	6.760	ng		
4) n-Nitrosodimethylamine	3.22	42	262022	53.389	ng	#	99
6) Aniline	6.39	93	320898	19.960	ng	#	71
8) 2-Chlorophenol	6.52	128	441510	41.775	ng		96
9) Benzaldehyde	6.27	77	125410	15.404	ng		98
10) Phenol	6.40	94	466266	35.137	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	445305	44.122	ng		95
12) 1,3-Dichlorobenzene	6.65	146	492990	39.221	ng		99
13) 1,4-Dichlorobenzene	6.73	146	501321	39.816	ng		100
14) 1,2-Dichlorobenzene	6.88	146	445218	38.658	ng		99
15) Benzyl Alcohol	6.87	79	330817	38.574	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	699893	41.347	ng		79
17) 2-Methylphenol	7.00	107	350234	38.157	ng	#	92
18) Hexachloroethane	7.21	117	137620	31.366	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	321265	43.189	ng		98
20) 3+4-Methylphenols	7.15	107	462478	42.841	ng		91
22) Acetophenone	7.13	105	640855	47.348	ng	#	99
24) Nitrobenzene	7.30	77	448222	44.330	ng		98
25) Isophorone	7.55	82	818829	46.488	ng		98
26) 2-Nitrophenol	7.62	139	228116	42.866	ng		99
27) 2,4-Dimethylphenol	7.67	122	383573	49.639	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	541015	49.722	ng		100
29) 2,4-Dichlorophenol	7.87	162	347793	44.186	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	348622	41.318	ng		100
31) Naphthalene	8.02	128	1213122	42.793	ng		100
32) Benzoic acid	7.82	122	159305	24.607	ng		98
33) 4-Chloroaniline	8.08	127	342378	28.721	ng		99
34) Hexachlorobutadiene	8.12	225	187714	41.655	ng		99
35) Caprolactam	8.46	113	77629m	29.863	ng		
36) 4-Chloro-3-methylphenol	8.58	107	337807	40.715	ng		98
37) 2-Methylnaphthalene	8.71	142	782704	41.458	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	297731	47.828	ng		99
40) Hexachlorocyclopentadiene	8.85	237	6092	2.187	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	193258	46.376	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	189139	40.311	ng		97
45) 1,1'-Biphenyl	9.17	154	875265	47.310	ng		99
46) 2-Chloronaphthalene	9.20	162	649277	45.150	ng		99
47) 2-Nitroaniline	9.31	65	218707	48.782	ng		98
48) Acenaphthylene	9.61	152	935904	41.774	ng		100
49) Dimethylphthalate	9.47	163	767069	44.852	ng		99
50) 2,6-Dinitrotoluene	9.55	165	154374	41.867	ng		91
51) Acenaphthene	9.78	154	559284	42.744	ng		99
52) 3-Nitroaniline	9.72	138	178561	40.936	ng		94
53) 2,4-Dinitrophenol	9.85	184	15826	12.820	ng	#	21
54) Dibenzofuran	9.95	168	801892	45.284	ng		96
55) 4-Nitrophenol	9.92	139	125833	43.703	ng		92
56) 2,4-Dinitrotoluene	9.96	165	174487	38.482	ng	#	88
57) Fluorene	10.30	166	632609	45.083	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	137696	41.103	ng		95
59) Diethylphthalate	10.17	149	717162	43.153	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	275679	45.315	ng		100
61) 4-Nitroaniline	10.34	138	182078	41.832	ng		92
62) Azobenzene	10.45	77	642612	42.233	ng		99
64) 4,6-Dinitro-2-methylphenol	10.37	198	15033	6.936	ng		93
65) n-Nitrosodiphenylamine	10.41	169	560087	46.971	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	159149	45.507	ng		96
67) Hexachlorobenzene	10.85	284	159867	40.874	ng		94
68) Atrazine	10.95	200	144048	40.902	ng		99
69) Pentachlorophenol	11.05	266	107688	52.412	ng		97
70) Phenanthrene	11.26	178	844154	44.591	ng		98
71) Anthracene	11.31	178	875553	45.312	ng		100
72) Carbazole	11.47	167	860435	45.644	ng		100
73) Di-n-butylphthalate	11.79	149	1039393	44.111	ng		99
74) Fluoranthene	12.45	202	914374	47.364	ng		97
77) Pyrene	12.68	202	933509	43.196	ng		99
79) Butylbenzylphthalate	13.29	149	479748	44.608	ng		100
80) Benzo(a)anthracene	13.87	228	833758	48.449	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	233407	36.974	ng	#	97
82) Chrysene	13.90	228	778484	44.547	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	639657	44.257	ng	#	99
84) Di-n-octyl phthalate	14.45	149	1162436	49.455	ng		100
85) Indeno(1,2,3-cd)pyrene	16.72	276	499147	34.585	ng		97
87) Benzo(b)fluoranthene	14.90	252	632697	47.877	ng		98
88) Benzo(k)fluoranthene	14.93	252	597655	47.868	ng		97
89) Benzo(a)pyrene	15.24	252	547229	45.914	ng	#	95
90) Dibenzo(a,h)anthracene	16.72	278	421443	43.652	ng		99
91) Benzo(g,h,i)perylene	17.14	276	418676	43.919	ng		100

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