Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100628.D
Acq On : 16 Nov 2017 14:10
Operator : SJ/JU
Sample : I6302-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMSD

Manual Integrations APPROVED
SOHIL
11/17/2017 1:24:40 PM

Quant Time: Nov 16 15:05:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 11:34:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118929	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	477487	20.00	ng		-0.02
38) Acenaphthene-d10	9.92	164	222792	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	441231	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	308970	20.00	ng		-0.02
86) Perylene-d12	15.52	264	253535	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	778624	104.95	ng		0.01
7) Phenol-d6	6.52	99	883434	96.56	ng		0.00
23) Nitrobenzene-d5	7.45	82	682894	94.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	294164	129.57	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1278182	87.36	ng		-0.02
78) Terphenyl-d14	12.99	244	1223459	90.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	128349	35.499	ng	#	80
3) Pyridine	3.56	79	324699	32.917	ng		95
4) n-Nitrosodimethylamine	3.51	42	177950	37.156	ng		99
6) Aniline	6.55	93	224943	17.404	ng		98
8) 2-Chlorophenol	6.67	128	353650	45.058	ng		97
9) Benzaldehyde	6.43	77	117257	17.947	ng		99
10) Phenol	6.53	94	370496	38.576	ng		100
11) bis(2-Chloroethyl)ether	6.62	93	350659	43.467	ng		96
12) 1,3-Dichlorobenzene	6.83	146	403570	44.598	ng		97
13) 1,4-Dichlorobenzene	6.90	146	404992	44.219	ng		97
14) 1,2-Dichlorobenzene	7.06	146	384258	45.377	ng		96
15) Benzyl Alcohol	7.03	79	314716	44.076	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	639425	49.557	ng		98
17) 2-Methylphenol	7.13	107	310071	46.229	ng		99
18) Hexachloroethane	7.40	117	141043	46.706	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	257186	40.535	ng		95
20) 3+4-Methylphenols	7.29	107	356775	42.035	ng	#	84
22) Acetophenone	7.30	105	491183	42.186	ng	#	98
24) Nitrobenzene	7.47	77	393945	52.996	ng		98
25) Isophorone	7.70	82	719594	47.414	ng		100
26) 2-Nitrophenol	7.78	139	207683	58.290	ng		95
27) 2,4-Dimethylphenol	7.82	122	350078	51.455	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	467194	47.061	ng		99
29) 2,4-Dichlorophenol	8.02	162	327602	50.439	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	341163	48.560	ng		98
31) Naphthalene	8.19	128	1100903	47.869	ng		100
32) Benzoic acid	7.88	122	26082	13.400	ng		96
33) 4-Chloroaniline	8.23	127	104041	10.868	ng		97
34) Hexachlorobutadiene	8.30	225	192658	46.121	ng		98
35) Caprolactam	8.61	113	73551m	32.998	ng		
36) 4-Chloro-3-methylphenol	8.72	107	335344	48.074	ng		96
37) 2-Methylnaphthalene	8.88	142	741810	48.584	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	329591	44.606	ng		97
40) Hexachlorocyclopentadiene	9.03	237	318370	91.549	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	240017	51.253	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	256497	52.865	ng		92
45) 1,1'-Biphenyl	9.35	154	868409	45.067	ng		99
46) 2-Chloronaphthalene	9.37	162	685386	49.029	ng		96
47) 2-Nitroaniline	9.46	65	220134	52.986	ng		97
48) Acenaphthylene	9.79	152	1058278	45.681	ng		100
49) Dimethylphthalate	9.65	163	808265	47.516	ng		99
50) 2,6-Dinitrotoluene	9.70	165	184928	54.922	ng		97
51) Acenaphthene	9.96	154	629924	44.709	ng		99
52) 3-Nitroaniline	9.87	138	93692	23.564	ng		97
53) 2,4-Dinitrophenol	9.97	184	27118	29.816	ng	#	17
54) Dibenzofuran	10.13	168	935532	47.375	ng		98
55) 4-Nitrophenol	10.03	139	258572	80.090	ng		96
56) 2,4-Dinitrotoluene	10.11	165	247257	58.209	ng		92
57) Fluorene	10.47	166	706398	48.831	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	201959	50.788	ng	#	87
59) Diethylphthalate	10.34	149	775846	45.577	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	338101	47.643	ng		94
61) 4-Nitroaniline	10.49	138	190203	50.449	ng		89
62) Azobenzene	10.62	77	725231	45.234	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	40419	23.473	ng		77
65) n-Nitrosodiphenylamine	10.58	169	683716	44.565	ng		95
66) 4-Bromophenyl-phenylether	10.95	248	226648	47.918	ng	#	85
67) Hexachlorobenzene	11.02	284	237535	48.016	ng	#	90
68) Atrazine	11.10	200	220935	47.573	ng		98
69) Pentachlorophenol	11.21	266	206286	58.154	ng		98
70) Phenanthrene	11.43	178	1099894	47.345	ng		99
71) Anthracene	11.49	178	1103847	46.834	ng		100
72) Carbazole	11.64	167	1013526	46.604	ng		98
73) Di-n-butylphthalate	11.96	149	1229812	48.323	ng		99
74) Fluoranthene	12.62	202	1142059	46.386	ng		97
76) Benzidine	12.74	184	450836	36.435	ng		97
77) Pyrene	12.85	202	1170122	53.128	ng		99
79) Butylbenzylphthalate	13.46	149	499118	55.569	ng		98
80) Benzo(a)anthracene	14.03	228	918141	49.346	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	167037	25.057	ng		99
82) Chrysene	14.07	228	859165	47.685	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	671650	56.855	ng		100
84) Di-n-octyl phthalate	14.63	149	1006808	49.610	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	799668	54.872	ng		95
87) Benzo(b)fluoranthene	15.09	252	721512	48.035	ng		98
88) Benzo(k)fluoranthene	15.12	252	672471	47.383	ng		97
89) Benzo(a)pyrene	15.46	252	660606	49.609	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	649760	59.665	ng		97
91) Benzo(g,h,i)perylene	17.46	276	699550	65.622	ng		94

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

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