Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
Data File : BF113642.D
Acq On : 8 Apr 2019 16:22
Operator : JU/SJ
Sample : PB118680BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118680BS

Manual Integrations APPROVED
Sohil
4/9/2019 10:15:35 AM

Quant Time: Apr 08 16:52:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	150329	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	583323	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	285318	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	577237	20.00	ng		0.00
76) Chrysene-d12	13.84	240	389586	20.00	ng		0.00
87) Perylene-d12	15.24	264	316756	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1077137	122.18	ng		0.02
7) Phenol-d6	6.35	99	1311671	120.72	ng		0.00
23) Nitrobenzene-d5	7.25	82	870342	87.40	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	435508	127.07	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1568362	88.49	ng		0.00
79) Terphenyl-d14	12.78	244	1703134	89.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	134783	32.281	ng		97
3) Pyridine	3.15	79	319725	29.260	ng		95
4) n-Nitrosodimethylamine	3.06	42	174072	37.494	ng		93
6) Aniline	6.35	93	415269	31.531	ng	#	91
8) 2-Chlorophenol	6.48	128	405088	39.716	ng		93
9) Benzaldehyde	6.23	77	190449	29.479	ng		99
10) Phenol	6.36	94	483130	38.932	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	384226	39.803	ng		98
12) 1,3-Dichlorobenzene	6.62	146	420450	38.278	ng		99
13) 1,4-Dichlorobenzene	6.70	146	431293	38.855	ng		99
14) 1,2-Dichlorobenzene	6.85	146	396254	39.549	ng		100
15) Benzyl Alcohol	6.84	79	277760	37.807	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	584317	38.888	ng		55
17) 2-Methylphenol	6.96	107	341692	43.228	ng	#	91
18) Hexachloroethane	7.19	117	154924	38.345	ng		94
19) n-Nitroso-di-n-propylamine	7.10	70	274937	41.035	ng		98
20) 3+4-Methylphenols	7.12	107	424169	44.288	ng		92
22) Acetophenone	7.10	105	553211	43.180	ng	#	97
24) Nitrobenzene	7.27	77	418732	40.829	ng		95
25) Isophorone	7.51	82	783876	40.861	ng		98
26) 2-Nitrophenol	7.59	139	226689	41.070	ng		96
27) 2,4-Dimethylphenol	7.64	122	373531	47.337	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	494965	40.810	ng		100
29) 2,4-Dichlorophenol	7.84	162	357492	42.343	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	380126	41.460	ng		99
31) Naphthalene	7.99	128	1171684	41.456	ng		99
32) Benzoic acid	7.80	122	219862	35.982	ng		99
33) 4-Chloroaniline	8.05	127	324370	28.944	ng		96
34) Hexachlorobutadiene	8.10	225	226471	40.515	ng		99
35) Caprolactam	8.43	113	111476m	41.595	ng		
36) 4-Chloro-3-methylphenol	8.55	107	354015	41.771	ng		98
37) 2-Methylnaphthalene	8.68	142	787570	42.368	ng		99
38) 1-Methylnaphthalene	8.78	142	739273	41.244	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	374483	40.584	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	270699	83.228 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	240991	41.375 ng	100
44) 2,4,5-Trichlorophenol	9.02	196	259264	41.461 ng	99
46) 1,1'-Biphenyl	9.15	154	966705	41.059 ng	99
47) 2-Chloronaphthalene	9.17	162	734458	41.201 ng	99
48) 2-Nitroaniline	9.27	65	224468	41.152 ng	97
49) Acenaphthylene	9.58	152	1145451	39.516 ng	100
50) Dimethylphthalate	9.45	163	860092	40.895 ng	99
51) 2,6-Dinitrotoluene	9.52	165	189686	40.916 ng	95
52) Acenaphthene	9.75	154	681693	41.083 ng	99
53) 3-Nitroaniline	9.68	138	154550	29.322 ng	93
54) 2,4-Dinitrophenol	9.81	184	186049	85.779 ng	91
55) Dibenzofuran	9.93	168	988352	40.605 ng	98
56) 4-Nitrophenol	9.87	139	224162	68.558 ng	97
57) 2,4-Dinitrotoluene	9.93	165	234791	41.876 ng	93
58) Fluorene	10.27	166	789526	41.011 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	243100	44.913 ng	97
60) Diethylphthalate	10.15	149	846755	41.758 ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	396001	41.820 ng	95
62) 4-Nitroaniline	10.30	138	212687	39.681 ng	100
63) Azobenzene	10.42	77	776966	40.468 ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	117557	38.684 ng	98
66) n-Nitrosodiphenylamine	10.38	169	724948	40.909 ng	99
67) 4-Bromophenyl-phenylether	10.75	248	260288	40.205 ng	95
68) Hexachlorobenzene	10.82	284	303381	40.898 ng	96
69) Atrazine	10.91	200	224405	40.176 ng	97
70) Pentachlorophenol	11.02	266	243600	69.691 ng	98
71) Phenanthrene	11.23	178	1156214	40.310 ng	99
72) Anthracene	11.28	178	1202673	41.211 ng	100
73) Carbazole	11.43	167	1117502	40.942 ng	100
74) Di-n-butylphthalate	11.76	149	1329392	40.943 ng	100
75) Fluoranthene	12.41	202	1242777	40.434 ng	99
77) Benzidine	12.53	184	524688	36.217 ng	97
78) Pyrene	12.64	202	1239976	41.830 ng	100
80) Butylbenzylphthalate	13.25	149	491780	40.756 ng	98
81) Benzo(a)anthracene	13.83	228	906602	40.341 ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	261347	30.193 ng	98
83) Chrysene	13.86	228	889857	39.060 ng	100
84) Bis(2-ethylhexyl)phthalate	13.81	149	619307	42.450 ng	99
85) Di-n-octyl phthalate	14.42	149	936992	39.512 ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	934821	44.443 ng	99
88) Benzo(b)fluoranthene	14.84	252	777587	40.104 ng	99
89) Benzo(k)fluoranthene	14.87	252	780223	44.836 ng	100
90) Benzo(a)pyrene	15.19	252	760934	44.165 ng	100
91) Dibenzo(a,h)anthracene	16.62	278	782133	48.543 ng	99
92) Benzo(g,h,i)perylene	17.02	276	830277	50.487 ng	98

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

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