Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113613.D
Acq On : 5 Apr 2019 10:17
Operator : JU/SJ
Sample : PB118551BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118551BS

Manual Integrations APPROVED
Sohil
4/8/2019 9:48:08 AM

Quant Time: Apr 05 14:00:53 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	6.69	152	144697	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	552105	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	270794	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	553674	20.00	ng		0.00
76) Chrysene-d12	13.83	240	393661	20.00	ng		-0.01
87) Perylene-d12	15.23	264	314162	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1015093	119.63	ng		0.02
7) Phenol-d6	6.35	99	1249140	119.44	ng		0.00
23) Nitrobenzene-d5	7.26	82	820980	87.10	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	413342	127.07	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1528176	90.85	ng		0.00
79) Terphenyl-d14	12.78	244	1694174	87.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	145111	36.107	ng		98
3) Pyridine	3.16	79	351828	33.451	ng		97
4) n-Nitrosodimethylamine	3.09	42	172450	38.590	ng		92
6) Aniline	6.35	93	387225	30.546	ng	#	91
8) 2-Chlorophenol	6.48	128	382881	39.000	ng		96
9) Benzaldehyde	6.23	77	227009	36.505	ng		99
10) Phenol	6.36	94	458015	38.345	ng		85
11) bis(2-Chloroethyl)ether	6.43	93	364979	39.281	ng		99
12) 1,3-Dichlorobenzene	6.63	146	414924	39.245	ng		98
13) 1,4-Dichlorobenzene	6.70	146	418432	39.164	ng		99
14) 1,2-Dichlorobenzene	6.86	146	384140	39.833	ng		99
15) Benzyl Alcohol	6.84	79	296104	41.873	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	556696	38.492	ng		80
17) 2-Methylphenol	6.96	107	308687	40.572	ng	#	93
18) Hexachloroethane	7.19	117	152187	39.134	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	260064	40.326	ng		99
20) 3+4-Methylphenols	7.12	107	393166	42.649	ng		94
22) Acetophenone	7.10	105	524055	43.217	ng		97
24) Nitrobenzene	7.27	77	398079	41.010	ng		98
25) Isophorone	7.52	82	737763	40.632	ng		99
26) 2-Nitrophenol	7.59	139	217017	41.541	ng		92
27) 2,4-Dimethylphenol	7.64	122	349263	46.764	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	464236	40.441	ng		99
29) 2,4-Dichlorophenol	7.84	162	335300	41.960	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	364542	42.009	ng		98
31) Naphthalene	7.99	128	1123567	42.001	ng		99
32) Benzoic acid	7.80	122	208763	36.098	ng		96
33) 4-Chloroaniline	8.05	127	283621	26.739	ng		98
34) Hexachlorobutadiene	8.11	225	212566	40.178	ng		99
35) Caprolactam	8.43	113	107035m	42.196	ng		
36) 4-Chloro-3-methylphenol	8.55	107	336534	41.953	ng		98
37) 2-Methylnaphthalene	8.69	142	757455	43.052	ng		99
38) 1-Methylnaphthalene	8.78	142	706888	41.667	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	353575	40.373	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	265793	85.642	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	234809	42.476	ng		97
44) 2,4,5-Trichlorophenol	9.02	196	248261	41.831	ng		98
46) 1,1'-Biphenyl	9.15	154	916497	41.015	ng		99
47) 2-Chloronaphthalene	9.17	162	700597	41.410	ng		99
48) 2-Nitroaniline	9.27	65	212200	40.989	ng		94
49) Acenaphthylene	9.59	152	1098903	39.943	ng		99
50) Dimethylphthalate	9.45	163	823322	41.246	ng		100
51) 2,6-Dinitrotoluene	9.52	165	181775	41.312	ng		97
52) Acenaphthene	9.76	154	644872	40.948	ng		100
53) 3-Nitroaniline	9.69	138	143125	28.610	ng		99
54) 2,4-Dinitrophenol	9.81	184	176890	85.931	ng		90
55) Dibenzofuran	9.93	168	944603	40.890	ng		100
56) 4-Nitrophenol	9.87	139	224316	72.285	ng		98
57) 2,4-Dinitrotoluene	9.93	165	227212	42.697	ng	#	89
58) Fluorene	10.27	166	753177	41.222	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	214175	41.691	ng		98
60) Diethylphthalate	10.15	149	820372	42.627	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	378910	42.162	ng		95
62) 4-Nitroaniline	10.30	138	206699	40.633	ng		98
63) Azobenzene	10.42	77	744606	40.862	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	112972	38.757	ng		95
66) n-Nitrosodiphenylamine	10.38	169	691839	40.702	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	247862	39.915	ng		98
68) Hexachlorobenzene	10.82	284	286356	40.246	ng	#	94
69) Atrazine	10.91	200	216751	40.457	ng		95
70) Pentachlorophenol	11.02	266	250516	74.719	ng		98
71) Phenanthrene	11.23	178	1108141	40.278	ng		99
72) Anthracene	11.28	178	1154200	41.233	ng		100
73) Carbazole	11.43	167	1076301	41.111	ng		100
74) Di-n-butylphthalate	11.76	149	1297394	41.658	ng		100
75) Fluoranthene	12.41	202	1206521	40.924	ng		99
77) Benzidine	12.53	184	573658	39.187	ng		98
78) Pyrene	12.64	202	1208643	40.351	ng		100
80) Butylbenzylphthalate	13.25	149	522390	42.844	ng		99
81) Benzo(a)anthracene	13.82	228	903044	39.767	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	263385	30.113	ng		100
83) Chrysene	13.86	228	915333	39.762	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	676368	45.881	ng		99
85) Di-n-octyl phthalate	14.42	149	1033123	43.114	ng		99
86) Indeno(1,2,3-cd)pyrene	16.61	276	845784	39.794	ng		99
88) Benzo(b)fluoranthene	14.84	252	845157	43.949	ng		100
89) Benzo(k)fluoranthene	14.87	252	705514	40.878	ng		98
90) Benzo(a)pyrene	15.18	252	738082	43.192	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	711673	44.535	ng		99
92) Benzo(g,h,i)perylene	17.01	276	722840	44.317	ng		99

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

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