Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113262.D
Acq On : 24 Mar 2019 12:24
Operator : JU/SJ
Sample : PB118222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Manual Integrations APPROVED
Sohil
3/26/2019 6:34:47 PM

Quant Time: Mar 25 04:28:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	221284	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	798500	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	417644	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	745121	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	466769	20.00	ng		0.00
87) Perylene-d12	15.27	264	406970	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1445213	101.59	ng		0.00
7) Phenol-d6	6.37	99	1823856	102.06	ng		0.00
23) Nitrobenzene-d5	7.28	82	1089423	81.64	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	541657	122.17	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	2024391	78.77	ng		-0.02
79) Terphenyl-d14	12.81	244	1893683	78.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	221240	31.026	ng		98
3) Pyridine	3.20	79	467569	24.509	ng		99
4) n-Nitrosodimethylamine	3.13	42	255325	30.595	ng		99
6) Aniline	6.38	93	531263	21.598	ng	#	18
8) 2-Chlorophenol	6.51	128	552927	34.917	ng		93
9) Benzaldehyde	6.26	77	198801	15.440	ng		97
10) Phenol	6.39	94	665018	31.891	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	547239	34.191	ng		96
12) 1,3-Dichlorobenzene	6.66	146	601404	36.764	ng		97
13) 1,4-Dichlorobenzene	6.73	146	608544	37.095	ng		97
14) 1,2-Dichlorobenzene	6.89	146	557497	37.070	ng		100
15) Benzyl Alcohol	6.86	79	464261	34.071	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	870114	32.576	ng		83
17) 2-Methylphenol	6.99	107	474916	36.968	ng		92
18) Hexachloroethane	7.23	117	211509	33.658	ng	#	89
19) n-Nitroso-di-n-propylamine	7.14	70	385525	34.065	ng		98
20) 3+4-Methylphenols	7.14	107	559352	38.566	ng	#	70
22) Acetophenone	7.13	105	777016	41.616	ng	#	91
24) Nitrobenzene	7.30	77	581066	39.123	ng		100
25) Isophorone	7.54	82	1107561	38.526	ng		99
26) 2-Nitrophenol	7.62	139	319650	51.701	ng		99
27) 2,4-Dimethylphenol	7.66	122	518430	45.072	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	695853	38.715	ng		99
29) 2,4-Dichlorophenol	7.86	162	505785	45.344	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	523819	43.705	ng		99
31) Naphthalene	8.02	128	1566542	39.516	ng		100
32) Benzoic acid	7.79	122	135359	16.790	ng		91
33) 4-Chloroaniline	8.07	127	429086	25.554	ng		99
34) Hexachlorobutadiene	8.14	225	300478	44.454	ng		98
35) Caprolactam	8.46	113	151989m	38.688	ng		
36) 4-Chloro-3-methylphenol	8.57	107	491297	39.799	ng		98
37) 2-Methylnaphthalene	8.71	142	1059641	41.390	ng		99
38) 1-Methylnaphthalene	8.81	142	993127	40.046	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	490037	40.236	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	449120	67.343	ng		97
43) 2,4,6-Trichlorophenol	9.00	196	349487	41.695	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	375671	41.466	ng		96
46) 1,1'-Biphenyl	9.17	154	1316372	38.643	ng		100
47) 2-Chloronaphthalene	9.20	162	1027411	38.625	ng		99
48) 2-Nitroaniline	9.30	65	328817	40.670	ng		95
49) Acenaphthylene	9.62	152	1591318	35.240	ng		99
50) Dimethylphthalate	9.48	163	1219551	39.602	ng		99
51) 2,6-Dinitrotoluene	9.54	165	276823	43.168	ng		87
52) Acenaphthene	9.79	154	942542	35.692	ng		99
53) 3-Nitroaniline	9.71	138	234124	29.962	ng		98
54) 2,4-Dinitrophenol	9.82	184	166128	64.677	ng		98
55) Dibenzofuran	9.96	168	1412112	36.793	ng		98
56) 4-Nitrophenol	9.89	139	399829	62.959	ng		97
57) 2,4-Dinitrotoluene	9.95	165	353156	44.304	ng		92
58) Fluorene	10.30	166	1043769	38.317	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	315072	41.742	ng		93
60) Diethylphthalate	10.18	149	1177925	36.217	ng		97
61) 4-Chlorophenyl-phenylether	10.29	204	530307	41.842	ng		91
62) 4-Nitroaniline	10.33	138	294388	40.771	ng		94
63) Azobenzene	10.45	77	1045894	31.395	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	126324	41.908	ng		85
66) n-Nitrosodiphenylamine	10.41	169	940813	39.370	ng		100
67) 4-Bromophenyl-phenylether	10.77	248	335247	42.716	ng		97
68) Hexachlorobenzene	10.85	284	381212	43.089	ng	#	89
69) Atrazine	10.94	200	282305	38.573	ng		99
70) Pentachlorophenol	11.05	266	318778	61.219	ng		98
71) Phenanthrene	11.26	178	1442152	38.901	ng		99
72) Anthracene	11.31	178	1494679	38.516	ng		99
73) Carbazole	11.46	167	1425318	37.650	ng		99
74) Di-n-butylphthalate	11.79	149	1708860	37.647	ng		99
75) Fluoranthene	12.44	202	1514631	38.134	ng		98
77) Benzidine	12.56	184	474181	19.581	ng		100
78) Pyrene	12.67	202	1499616	38.110	ng		100
80) Butylbenzylphthalate	13.29	149	699365	40.265	ng	#	89
81) Benzo(a)anthracene	13.85	228	1046909	32.362	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	326614	26.695	ng		99
83) Chrysene	13.89	228	1072778	33.854	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	782006	38.384	ng		100
85) Di-n-octyl phthalate	14.45	149	1303624	37.264	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1293502	47.881	ng		94
88) Benzo(b)fluoranthene	14.87	252	1149180	43.655	ng		98
89) Benzo(k)fluoranthene	14.90	252	908402	38.097	ng		98
90) Benzo(a)pyrene	15.21	252	1028133	44.156	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	1077954	54.254	ng		97
92) Benzo(g,h,i)perylene	17.05	276	1129345	56.607	ng		95

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

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