Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112135.D
Acq On : 18 Jan 2019 20:09
Operator : JU/SJ
Sample : PB116493BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Manual Integrations APPROVED
Sohil
1/21/2019 12:00:59 PM

Quant Time: Jan 19 00:30:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264869	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1028605	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	518486	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	975279	20.00	ng		0.00
76) Chrysene-d12	14.03	240	604241	20.00	ng		0.00
87) Perylene-d12	15.49	264	563740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1745064	119.58	ng		0.00
7) Phenol-d6	6.51	99	2165919	118.63	ng		0.00
23) Nitrobenzene-d5	7.42	82	1348894	90.60	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	717627	128.30	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2729412	77.18	ng		0.00
79) Terphenyl-d14	12.97	244	2600875	91.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	233140	34.064	ng		98
3) Pyridine	3.45	79	636382	37.125	ng		98
4) n-Nitrosodimethylamine	3.39	42	290769	41.778	ng		99
6) Aniline	6.52	93	644217	29.010	ng	#	41
8) 2-Chlorophenol	6.65	128	702347	41.440	ng		98
9) Benzaldehyde	6.40	77	196473	15.892	ng		96
10) Phenol	6.52	94	784090	39.294	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	623858	39.321	ng		99
12) 1,3-Dichlorobenzene	6.80	146	771309	39.878	ng		99
13) 1,4-Dichlorobenzene	6.87	146	782265	39.539	ng		99
14) 1,2-Dichlorobenzene	7.03	146	733570	40.253	ng		97
15) Benzyl Alcohol	7.00	79	576825	42.405	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	834599	36.478	ng		95
17) 2-Methylphenol	7.12	107	555229	43.622	ng		95
18) Hexachloroethane	7.37	117	267107	40.450	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	462537	41.584	ng		98
20) 3+4-Methylphenols	7.27	107	687827	44.570	ng	#	68
22) Acetophenone	7.26	105	907481	38.081	ng		98
24) Nitrobenzene	7.44	77	701204	44.440	ng		97
25) Isophorone	7.68	82	1261952	43.884	ng		97
26) 2-Nitrophenol	7.76	139	380939	47.122	ng		99
27) 2,4-Dimethylphenol	7.80	122	616697	46.200	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	808140	40.969	ng		100
29) 2,4-Dichlorophenol	8.00	162	622359	42.680	ng		100
30) 1,2,4-Trichlorobenzene	8.08	180	674749	39.873	ng		99
31) Naphthalene	8.16	128	2011440	42.994	ng		99
32) Benzoic acid	7.93	122	288832m	47.252	ng		
33) 4-Chloroaniline	8.21	127	431132	20.505	ng		99
34) Hexachlorobutadiene	8.28	225	369340	39.219	ng		99
35) Caprolactam	8.58	113	199665m	39.122	ng		
36) 4-Chloro-3-methylphenol	8.70	107	616066	43.257	ng		99
37) 2-Methylnaphthalene	8.86	142	1430903	45.041	ng		99
38) 1-Methylnaphthalene	8.96	142	1340742	43.913	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	667816	40.111	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	304088	49.080	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	438151	43.991	ng	98
44) 2,4,5-Trichlorophenol	9.19	196	470779	44.380	ng	98
46) 1,1'-Biphenyl	9.32	154	1728715	39.874	ng	99
47) 2-Chloronaphthalene	9.35	162	1335767	39.361	ng	98
48) 2-Nitroaniline	9.44	65	373313	48.838	ng	95
49) Acenaphthylene	9.76	152	2124662	42.903	ng	99
50) Dimethylphthalate	9.62	163	1634637	43.230	ng	100
51) 2,6-Dinitrotoluene	9.68	165	369917	48.987	ng	97
52) Acenaphthene	9.93	154	1217922	40.195	ng	99
53) 3-Nitroaniline	9.85	138	245270	29.046	ng	93
54) 2,4-Dinitrophenol	9.96	184	167252	72.209	ng	92
55) Dibenzofuran	10.10	168	1867608	40.758	ng	97
56) 4-Nitrophenol	10.03	139	499074	82.502	ng	97
57) 2,4-Dinitrotoluene	10.09	165	476897	49.084	ng	89
58) Fluorene	10.45	166	1456761	42.551	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	391166	48.866	ng	99
60) Diethylphthalate	10.32	149	1603815	43.452	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	722691	39.119	ng	94
62) 4-Nitroaniline	10.46	138	340208	40.574	ng	99
63) Azobenzene	10.60	77	1391306	39.362	ng	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	139374	37.145	ng	94
66) n-Nitrosodiphenylamine	10.56	169	1331479	41.297	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	458824	40.503	ng	97
68) Hexachlorobenzene	11.00	284	472645	38.732	ng	97
69) Atrazine	11.08	200	455673	43.797	ng	97
70) Pentachlorophenol	11.20	266	411114	70.827	ng	98
71) Phenanthrene	11.41	178	2027949	41.318	ng	100
72) Anthracene	11.46	178	2079542	41.825	ng	100
73) Carbazole	11.62	167	1833362	36.809	ng	99
74) Di-n-butylphthalate	11.94	149	2414937	43.104	ng	100
75) Fluoranthene	12.60	202	1884795	36.371	ng	99
77) Benzidine	12.71	184	1009514	50.074	ng	97
78) Pyrene	12.83	202	1819632	45.644	ng	99
80) Butylbenzylphthalate	13.43	149	903660	51.670	ng	92
81) Benzo(a)anthracene	14.02	228	1470548	42.446	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	517495	39.885	ng	99
83) Chrysene	14.05	228	1388907	42.368	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1261521	50.330	ng	98
85) Di-n-octyl phthalate	14.60	149	1889334	48.922	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1285128	42.491	ng	98
88) Benzo(b)fluoranthene	15.07	252	1411998	44.125	ng	99
89) Benzo(k)fluoranthene	15.10	252	1367344	44.148	ng	99
90) Benzo(a)pyrene	15.44	252	1323162	45.088	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1095377	42.025	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1010354	39.347	ng	98

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

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