Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112180.D
Acq On : 22 Jan 2019 2:12
Operator : JU/SJ
Sample : PB116516BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Manual Integrations APPROVED
Sohil
1/22/2019 9:59:16 AM

Quant Time: Jan 22 02:47:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219521	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	753267	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	291923	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	502200	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	437415	20.00	ng		0.00
87) Perylene-d12	15.49	264	322438	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1025589	84.80	ng		0.00
7) Phenol-d6	6.50	99	1233696	81.53	ng		0.00
23) Nitrobenzene-d5	7.42	82	1102516	101.12	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	258104	81.96	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1988390	99.86	ng		0.00
79) Terphenyl-d14	12.96	244	1707601	83.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	186237	32.832	ng		96
3) Pyridine	3.43	79	515513	36.286	ng		97
4) n-Nitrosodimethylamine	3.38	42	243705	42.249	ng		98
6) Aniline	6.52	93	242275	13.164	ng	#	32
8) 2-Chlorophenol	6.65	128	576544	41.045	ng		99
9) Benzaldehyde	6.40	77	145120	13.844	ng		98
10) Phenol	6.51	94	639901	38.693	ng		82
11) bis(2-Chloroethyl)ether	6.59	93	521934	39.692	ng		96
12) 1,3-Dichlorobenzene	6.79	146	636148	39.684	ng		99
13) 1,4-Dichlorobenzene	6.87	146	650495	39.671	ng		98
14) 1,2-Dichlorobenzene	7.03	146	602882	39.915	ng		98
15) Benzyl Alcohol	6.99	79	454200	40.287	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	668178	35.237	ng		91
17) 2-Methylphenol	7.12	107	438267	41.546	ng		96
18) Hexachloroethane	7.36	117	192253	35.129	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	380092	41.231	ng		99
20) 3+4-Methylphenols	7.27	107	557613	43.597	ng	#	70
22) Acetophenone	7.26	105	744000	42.633	ng		96
24) Nitrobenzene	7.43	77	540135	46.745	ng		97
25) Isophorone	7.67	82	973811	46.242	ng		96
26) 2-Nitrophenol	7.75	139	249064	42.680	ng		98
27) 2,4-Dimethylphenol	7.79	122	463125	47.377	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	637384	44.123	ng		100
29) 2,4-Dichlorophenol	8.00	162	441840	41.376	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	501407	40.460	ng		98
31) Naphthalene	8.16	128	1509348	44.055	ng		100
32) Benzoic acid	7.91	122	155175	38.199	ng		94
33) 4-Chloroaniline	8.20	127	143151	9.297	ng		99
34) Hexachlorobutadiene	8.27	225	291172	42.220	ng		100
35) Caprolactam	8.57	113	126001m	33.713	ng		
36) 4-Chloro-3-methylphenol	8.70	107	403739	38.710	ng		98
37) 2-Methylnaphthalene	8.85	142	993009	42.683	ng		99
38) 1-Methylnaphthalene	8.95	142	926011	41.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	442909	47.248	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	26553	14.252	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	271086	48.341	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	273353	45.768	ng		97
46) 1,1'-Biphenyl	9.31	154	1157696	47.428	ng		99
47) 2-Chloronaphthalene	9.34	162	852094	44.596	ng		99
48) 2-Nitroaniline	9.43	65	234171	54.411	ng		99
49) Acenaphthylene	9.75	152	1282256	45.987	ng		99
50) Dimethylphthalate	9.60	163	1048760	49.262	ng		100
51) 2,6-Dinitrotoluene	9.67	165	198751	46.747	ng	#	88
52) Acenaphthene	9.92	154	733620	43.003	ng		99
53) 3-Nitroaniline	9.84	138	156546	32.927	ng		96
54) 2,4-Dinitrophenol	9.96	184	8051	16.724	ng		91
55) Dibenzofuran	10.10	168	1086539	42.115	ng		98
56) 4-Nitrophenol	10.02	139	253279	74.923	ng		94
57) 2,4-Dinitrotoluene	10.08	165	225979	42.035	ng		98
58) Fluorene	10.44	166	831334	43.128	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199941	44.363	ng		95
60) Diethylphthalate	10.30	149	981089	47.210	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	429193	41.263	ng		97
62) 4-Nitroaniline	10.45	138	193258	40.936	ng		98
63) Azobenzene	10.59	77	759421	38.160	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	10561	14.054	ng		90
66) n-Nitrosodiphenylamine	10.54	169	746473	44.962	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	248905	42.670	ng		98
68) Hexachlorobenzene	10.99	284	254073	40.434	ng		97
69) Atrazine	11.07	200	244454	45.629	ng		97
70) Pentachlorophenol	11.19	266	227698	75.720	ng		99
71) Phenanthrene	11.40	178	1154126	45.665	ng		98
72) Anthracene	11.45	178	1198055	46.795	ng		99
73) Carbazole	11.60	167	1084174	42.273	ng		99
74) Di-n-butylphthalate	11.93	149	1390989	48.216	ng		99
75) Fluoranthene	12.59	202	1308325	49.029	ng		99
77) Benzidine	12.71	184	758219	51.953	ng		96
78) Pyrene	12.82	202	1334201	46.232	ng		99
80) Butylbenzylphthalate	13.43	149	646046	51.029	ng		92
81) Benzo(a)anthracene	14.01	228	1165626	46.476	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	407502	43.386	ng		99
83) Chrysene	14.04	228	1079481	45.487	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	956695	52.726	ng		100
85) Di-n-octyl phthalate	14.60	149	1556996	55.693	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	829889	37.905	ng		98
88) Benzo(b)fluoranthene	15.06	252	934198	51.041	ng		99
89) Benzo(k)fluoranthene	15.09	252	846977	47.812	ng		100
90) Benzo(a)pyrene	15.43	252	816552	48.648	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	702118	47.097	ng		99
92) Benzo(g,h,i)perylene	17.42	276	680090	46.306	ng		97

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

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