Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115270.D
Acq On : 28 Jun 2019 10:07
Operator : HP/JU
Sample : PB120885BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120885BS

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:34 PM

Quant Time: Jun 29 04:18:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	262536	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1010404	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	505571	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	980135	20.00	ng		0.00
76) Chrysene-d12	13.72	240	633729	20.00	ng		0.00
87) Perylene-d12	15.10	264	801526	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1948853	114.55	ng		0.02
7) Phenol-d6	6.25	99	2383498	115.43	ng		0.01
23) Nitrobenzene-d5	7.17	82	1532116	93.28	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	709677	133.11	ng		0.01
45) 2-Fluorobiphenyl	8.97	172	2803648	94.20	ng		0.00
79) Terphenyl-d14	12.69	244	2902535	97.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	261926	32.622	ng		99
3) Pyridine	2.88	79	756053	33.409	ng		98
4) n-Nitrosodimethylamine	2.83	42	330068	37.205	ng		98
6) Aniline	6.27	93	703849	24.801	ng	#	10
8) 2-Chlorophenol	6.39	128	803786	42.017	ng		100
9) Benzaldehyde	6.14	77	159735	11.857	ng		96
10) Phenol	6.27	94	909380	37.596	ng		96
11) bis(2-Chloroethyl)ether	6.35	93	735467	41.249	ng		99
12) 1,3-Dichlorobenzene	6.54	146	860236	40.518	ng		99
13) 1,4-Dichlorobenzene	6.62	146	866887	40.719	ng		99
14) 1,2-Dichlorobenzene	6.77	146	805710	40.867	ng		99
15) Benzyl Alcohol	6.75	79	597493	39.737	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1066585	41.244	ng		98
17) 2-Methylphenol	6.87	107	688348	43.593	ng		98
18) Hexachloroethane	7.11	117	312339	40.694	ng		96
19) n-Nitroso-di-n-propylamine	7.03	70	514898	38.948	ng		98
20) 3+4-Methylphenols	7.02	107	762105	41.799	ng	#	81
22) Acetophenone	7.01	105	1054428	45.584	ng	#	95
24) Nitrobenzene	7.18	77	808841	44.699	ng		99
25) Isophorone	7.43	82	1519195	45.150	ng		100
26) 2-Nitrophenol	7.50	139	464638	51.995	ng		99
27) 2,4-Dimethylphenol	7.55	122	756791	51.724	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	966030	45.424	ng		100
29) 2,4-Dichlorophenol	7.75	162	715527	47.388	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	776118	46.534	ng		99
31) Naphthalene	7.91	128	2259705	45.560	ng		100
32) Benzoic acid	7.70	122	575843	55.136	ng		96
33) 4-Chloroaniline	7.95	127	417812	18.432	ng		99
34) Hexachlorobutadiene	8.03	225	422717	46.250	ng		99
35) Caprolactam	8.33	113	235348m	46.360	ng		
36) 4-Chloro-3-methylphenol	8.45	107	713358	46.651	ng		98
37) 2-Methylnaphthalene	8.60	142	1576635	47.146	ng		99
38) 1-Methylnaphthalene	8.70	142	1484099	46.466	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	663519	46.444	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	800438	94.487	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	536239	48.618	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	540173	47.557	ng		98
46) 1,1'-Biphenyl	9.06	154	1837362	45.420	ng		98
47) 2-Chloronaphthalene	9.08	162	1470521	44.814	ng		99
48) 2-Nitroaniline	9.18	65	427139	44.649	ng		90
49) Acenaphthylene	9.50	152	2270230	44.406	ng		99
50) Dimethylphthalate	9.37	163	1737044	46.700	ng		99
51) 2,6-Dinitrotoluene	9.42	165	409285	47.661	ng	#	87
52) Acenaphthene	9.67	154	1360049	42.513	ng		99
53) 3-Nitroaniline	9.58	138	270017	25.766	ng		99
54) 2,4-Dinitrophenol	9.70	184	470991	104.147	ng		96
55) Dibenzofuran	9.84	168	1989726	43.334	ng		98
56) 4-Nitrophenol	9.76	139	723059	86.064	ng		95
57) 2,4-Dinitrotoluene	9.82	165	532354	48.011	ng		95
58) Fluorene	10.18	166	1375071	44.977	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	477721	50.158	ng		98
60) Diethylphthalate	10.07	149	1700310	45.475	ng		100
61) 4-Chlorophenyl-phenylether	10.17	204	681772	47.273	ng		96
62) 4-Nitroaniline	10.20	138	440867	41.936	ng		97
63) Azobenzene	10.33	77	1540191	44.102	ng		97
65) 4,6-Dinitro-2-methylphenol	10.23	198	280259	53.146	ng		91
66) n-Nitrosodiphenylamine	10.30	169	1410806	46.202	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	499445	46.999	ng		94
68) Hexachlorobenzene	10.72	284	540655	46.872	ng		97
69) Atrazine	10.82	200	469157	47.762	ng		99
70) Pentachlorophenol	10.92	266	650338	88.501	ng		97
71) Phenanthrene	11.13	178	2247631	42.591	ng		100
72) Anthracene	11.18	178	2334411	43.823	ng		99
73) Carbazole	11.34	167	2101892	44.187	ng		99
74) Di-n-butylphthalate	11.68	149	2550540	46.401	ng		100
75) Fluoranthene	12.31	202	2311746	43.905	ng		99
77) Benzidine	12.42	184	834488	29.655	ng		100
78) Pyrene	12.53	202	2395140	49.179	ng		98
80) Butylbenzylphthalate	13.17	149	1151563	53.579	ng		93
81) Benzo(a)anthracene	13.71	228	2136719	46.990	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	587980	35.807	ng		99
83) Chrysene	13.75	228	2052567	49.277	ng		99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1525790	54.178	ng		99
85) Di-n-octyl phthalate	14.35	149	2577603	54.474	ng		100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2607701	52.907	ng		98
88) Benzo(b)fluoranthene	14.74	252	2373502	47.458	ng		99
89) Benzo(k)fluoranthene	14.77	252	1961535m	43.735	ng		
90) Benzo(a)pyrene	15.05	252	2174881	48.248	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	2098079	49.856	ng		98
92) Benzo(g,h,i)perylene	16.77	276	2230576	52.370	ng		99

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

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