Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115032.D
Acq On : 14 Jun 2019 11:51
Operator : HP/JU
Sample : PB120556BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120556BS

Quant Time: Jun 15 05:13:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	291013	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1124575	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	553317	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1090557	20.00	ng		0.00
76) Chrysene-d12	13.78	240	664326	20.00	ng		0.00
87) Perylene-d12	15.15	264	760737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2118811	121.57	ng		0.02
7) Phenol-d6	6.30	99	2663997	126.72	ng		0.00
23) Nitrobenzene-d5	7.22	82	1676598	89.74	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	779881	131.62	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	3031201	92.85	ng		0.00
79) Terphenyl-d14	12.74	244	3161550	89.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	288649	35.383	ng		99
3) Pyridine	3.05	79	826966	36.006	ng		99
4) n-Nitrosodimethylamine	2.99	42	327027	40.105	ng		97
6) Aniline	6.32	93	587603	20.871	ng	#	1
8) 2-Chlorophenol	6.44	128	832263	42.114	ng		98
9) Benzaldehyde	6.19	77	236583	15.102	ng		97
10) Phenol	6.32	94	939358	39.936	ng		81
11) bis(2-Chloroethyl)ether	6.39	93	755519	41.384	ng		100
12) 1,3-Dichlorobenzene	6.59	146	904878	39.202	ng		98
13) 1,4-Dichlorobenzene	6.66	146	921384	39.704	ng		99
14) 1,2-Dichlorobenzene	6.82	146	842482	38.562	ng		99
15) Benzyl Alcohol	6.80	79	538818	34.208	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	965806	39.526	ng		93
17) 2-Methylphenol	6.92	107	738923	44.828	ng		98
18) Hexachloroethane	7.16	117	331169	39.517	ng		97
19) n-Nitroso-di-n-propylamine	7.08	70	531669	41.624	ng		98
20) 3+4-Methylphenols	7.07	107	852097	43.435	ng		95
22) Acetophenone	7.06	105	1162177	45.653	ng		96
24) Nitrobenzene	7.23	77	842010	44.295	ng		94
25) Isophorone	7.47	82	1558569	44.541	ng		99
26) 2-Nitrophenol	7.55	139	488936	46.146	ng		98
27) 2,4-Dimethylphenol	7.60	122	788920	51.614	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	972651	43.325	ng		99
29) 2,4-Dichlorophenol	7.80	162	759053	47.009	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	811584	43.499	ng		98
31) Naphthalene	7.95	128	2406027	45.219	ng		100
32) Benzoic acid	7.75	122	436583	39.477	ng		99
33) 4-Chloroaniline	8.00	127	364317	14.833	ng		98
34) Hexachlorobutadiene	8.07	225	435211	41.966	ng		100
35) Caprolactam	8.39	113	242625m	45.114	ng		
36) 4-Chloro-3-methylphenol	8.50	107	793190	48.745	ng		100
37) 2-Methylnaphthalene	8.65	142	1647704	46.429	ng		99
38) 1-Methylnaphthalene	8.74	142	1549924	46.209	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	693964	42.452	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	737402	91.544	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	518337	42.453	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	591427	47.931	ng		97
46) 1,1'-Biphenyl	9.11	154	1903988	42.941	ng		99
47) 2-Chloronaphthalene	9.13	162	1535783	42.833	ng		99
48) 2-Nitroaniline	9.23	65	450142	42.475	ng		98
49) Acenaphthylene	9.55	152	2372570	43.037	ng		99
50) Dimethylphthalate	9.42	163	1816991	43.665	ng		100
51) 2,6-Dinitrotoluene	9.47	165	430070	45.563	ng	#	83
52) Acenaphthene	9.72	154	1390953	44.101	ng		99
53) 3-Nitroaniline	9.63	138	246775	21.338	ng		98
54) 2,4-Dinitrophenol	9.75	184	434586	94.921	ng		95
55) Dibenzofuran	9.89	168	2009166	42.267	ng		99
56) 4-Nitrophenol	9.82	139	673755	84.482	ng		98
57) 2,4-Dinitrotoluene	9.87	165	549321	45.723	ng		92
58) Fluorene	10.23	166	1472090	46.678	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	471856	47.342	ng		98
60) Diethylphthalate	10.12	149	1734254	43.588	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	708015	45.103	ng		98
62) 4-Nitroaniline	10.25	138	473433	40.716	ng		99
63) Azobenzene	10.38	77	1527615	43.887	ng		98
65) 4,6-Dinitro-2-methylphenol	10.29	198	270517	44.257	ng		86
66) n-Nitrosodiphenylamine	10.34	169	1445948	44.356	ng		100
67) 4-Bromophenyl-phenylether	10.70	248	498116	42.540	ng		93
68) Hexachlorobenzene	10.77	284	541030	41.968	ng		96
69) Atrazine	10.87	200	483810	46.032	ng		98
70) Pentachlorophenol	10.97	266	618286	88.315	ng		99
71) Phenanthrene	11.18	178	2361971	41.948	ng		100
72) Anthracene	11.23	178	2395960	42.179	ng		99
73) Carbazole	11.39	167	2196171	44.295	ng		100
74) Di-n-butylphthalate	11.73	149	2533954	40.540	ng		100
75) Fluoranthene	12.36	202	2454269	42.626	ng		98
77) Benzidine	12.48	184	551430	20.522	ng		96
78) Pyrene	12.59	202	2451108	40.502	ng		99
80) Butylbenzylphthalate	13.21	149	1179002	41.710	ng		94
81) Benzo(a)anthracene	13.77	228	2104674	42.336	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	534194	28.028	ng		98
83) Chrysene	13.80	228	2160967	43.713	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1363896	40.825	ng		98
85) Di-n-octyl phthalate	14.38	149	2544670	44.231	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1986348	45.743	ng		100
88) Benzo(b)fluoranthene	14.77	252	2247346	44.439	ng		99
89) Benzo(k)fluoranthene	14.80	252	1989861	44.829	ng		98
90) Benzo(a)pyrene	15.10	252	2046689	46.902	ng		98
91) Dibenzo(a,h)anthracene	16.47	278	1636321	43.542	ng		99
92) Benzo(g,h,i)perylene	16.85	276	1653007	43.130	ng		99

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

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