Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115125.D
Acq On : 22 Jun 2019 17:17
Operator : HP/JU
Sample : K3441-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-3MS

Quant Time: Jun 24 05:30:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	257864	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1017448	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	504018	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	984849	20.00	ng		0.00
76) Chrysene-d12	13.73	240	593329	20.00	ng		-0.02
87) Perylene-d12	15.09	264	590437	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1694384	101.40	ng		0.02
7) Phenol-d6	6.25	99	2010989	99.15	ng		0.00
23) Nitrobenzene-d5	7.18	82	1404726	84.93	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	641457	120.69	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2637495	88.89	ng		-0.01
79) Terphenyl-d14	12.69	244	2800318	100.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	263302	33.387	ng	#	85
3) Pyridine	3.00	79	562057	25.287	ng		100
4) n-Nitrosodimethylamine	2.93	42	302990	34.771	ng		100
6) Aniline	6.27	93	191056	6.854	ng	#	1
8) 2-Chlorophenol	6.40	128	721012	38.373	ng		97
9) Benzaldehyde	6.15	77	410160	30.997	ng		99
10) Phenol	6.27	94	741252	31.201	ng		90
11) bis(2-Chloroethyl)ether	6.35	93	673318	38.448	ng		97
12) 1,3-Dichlorobenzene	6.55	146	783708	37.583	ng		100
13) 1,4-Dichlorobenzene	6.63	146	790188	37.789	ng		99
14) 1,2-Dichlorobenzene	6.78	146	735177	37.965	ng		99
15) Benzyl Alcohol	6.76	79	581033	39.342	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	950479	37.420	ng		100
17) 2-Methylphenol	6.88	107	587284	37.867	ng		99
18) Hexachloroethane	7.12	117	280953	37.268	ng		96
19) n-Nitroso-di-n-propylamine	7.04	70	482357	37.148	ng		98
20) 3+4-Methylphenols	7.03	107	673413	37.603	ng		94
22) Acetophenone	7.02	105	971796	41.721	ng	#	99
24) Nitrobenzene	7.20	77	741271	40.681	ng		96
25) Isophorone	7.44	82	1351785	39.896	ng		99
26) 2-Nitrophenol	7.51	139	394752	43.868	ng		94
27) 2,4-Dimethylphenol	7.55	122	653003	44.322	ng		97
28) bis(2-Chloroethoxy)methane	7.65	93	859970	40.157	ng		100
29) 2,4-Dichlorophenol	7.75	162	626605	41.212	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	685579	40.821	ng		99
31) Naphthalene	7.91	128	2085261	41.752	ng		100
32) Benzoic acid	7.65	122	174269	16.571	ng		96
33) 4-Chloroaniline	7.96	127	115162	5.045	ng		98
34) Hexachlorobutadiene	8.04	225	367533	39.934	ng		99
35) Caprolactam	8.33	113	153930m	30.112	ng		
36) 4-Chloro-3-methylphenol	8.45	107	633792	41.160	ng		99
37) 2-Methylnaphthalene	8.61	142	1435454	42.627	ng		99
38) 1-Methylnaphthalene	8.70	142	1349100	41.947	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	595169	41.788	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	589712	69.826 ng		99
43) 2,4,6-Trichlorophenol	8.88	196	468281	42.587 ng		100
44) 2,4,5-Trichlorophenol	8.92	196	476870	42.113 ng		99
46) 1,1'-Biphenyl	9.07	154	1672222	41.465 ng		99
47) 2-Chloronaphthalene	9.09	162	1347200	41.183 ng		98
48) 2-Nitroaniline	9.18	65	395162	41.434 ng		91
49) Acenaphthylene	9.50	152	2103480	41.271 ng		99
50) Dimethylphthalate	9.38	163	1520837	41.013 ng		99
51) 2,6-Dinitrotoluene	9.42	165	369116	43.116 ng		97
52) Acenaphthene	9.67	154	1358005	42.580 ng		99
53) 3-Nitroaniline	9.58	138	154006	14.741 ng		96
54) 2,4-Dinitrophenol	9.70	184	211786	51.007 ng		95
55) Dibenzofuran	9.84	168	1879735	41.065 ng		99
56) 4-Nitrophenol	9.75	139	614054	73.315 ng		98
57) 2,4-Dinitrotoluene	9.83	165	494387	44.725 ng		97
58) Fluorene	10.18	166	1300763	42.283 ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	397598	41.874 ng		99
60) Diethylphthalate	10.08	149	1538319	41.270 ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	622531	42.624 ng		98
62) 4-Nitroaniline	10.20	138	392593	37.459 ng		97
63) Azobenzene	10.34	77	1422674	40.863 ng		99
65) 4,6-Dinitro-2-methylphenol	10.23	198	177342	35.305 ng		91
66) n-Nitrosodiphenylamine	10.30	169	1289422	42.024 ng		99
67) 4-Bromophenyl-phenylether	10.67	248	445065	41.681 ng		97
68) Hexachlorobenzene	10.73	284	483218	41.692 ng		98
69) Atrazine	10.83	200	404458	40.978 ng		99
70) Pentachlorophenol	10.92	266	484256	65.584 ng		97
71) Phenanthrene	11.14	178	2116787	39.920 ng		100
72) Anthracene	11.19	178	2166345	40.473 ng		99
73) Carbazole	11.34	167	1956415	40.932 ng		99
74) Di-n-butylphthalate	11.69	149	2339167	42.352 ng		99
75) Fluoranthene	12.31	202	2155752	40.747 ng		99
77) Benzidine	12.43	184	76881	2.918 ng	#	95
78) Pyrene	12.54	202	2145156	47.045 ng		98
80) Butylbenzylphthalate	13.18	149	981982	48.800 ng		92
81) Benzo(a)anthracene	13.72	228	1733386	40.715 ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	195262	12.701 ng		99
83) Chrysene	13.75	228	1581945	40.565 ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1260490	47.805 ng		100
85) Di-n-octyl phthalate	14.35	149	1982396	44.748 ng		100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1648501	35.723 ng		100
88) Benzo(b)fluoranthene	14.72	252	1591974	43.211 ng		99
89) Benzo(k)fluoranthene	14.74	252	1426977	43.191 ng		99
90) Benzo(a)pyrene	15.04	252	1478870	44.536 ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1384914	44.675 ng		98
92) Benzo(g,h,i)perylene	16.74	276	1335146	42.554 ng		99

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

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