Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114954.D
Acq On : 11 Jun 2019 20:15
Operator : HP/JU
Sample : K3262-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCK-PILE-1MS

Manual Integrations APPROVED
mohammad
6/12/2019 9:09:00 AM

Quant Time: Jun 12 05:05:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	251456	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	975147	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	463206	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	836388	20.00	ng		0.00
76) Chrysene-d12	13.79	240	481579	20.00	ng		0.00
87) Perylene-d12	15.17	264	529319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1655179	111.40	ng		0.02
7) Phenol-d6	6.32	99	1902634	106.17	ng		0.00
23) Nitrobenzene-d5	7.23	82	1381187	87.03	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	576134	114.34	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	2504240	85.80	ng		0.00
79) Terphenyl-d14	12.75	244	2290687	94.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	250516	35.532	ng	#	84
3) Pyridine	3.09	79	471452	24.022	ng		98
4) n-Nitrosodimethylamine	3.00	42	271883	38.568	ng		99
6) Aniline	6.33	93	156320	6.439	ng	#	1
8) 2-Chlorophenol	6.45	128	720585	42.495	ng		96
9) Benzaldehyde	6.20	77	49607	4.325	ng		98
10) Phenol	6.33	94	697991	34.928	ng	#	72
11) bis(2-Chloroethyl)ether	6.40	93	664007	41.691	ng		99
12) 1,3-Dichlorobenzene	6.60	146	790168	40.150	ng		99
13) 1,4-Dichlorobenzene	6.68	146	810319	41.060	ng		99
14) 1,2-Dichlorobenzene	6.83	146	743950	41.532	ng		99
15) Benzyl Alcohol	6.81	79	468074	36.196	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	878194	40.093	ng		94
17) 2-Methylphenol	6.93	107	575988	40.567	ng		99
18) Hexachloroethane	7.17	117	274435	37.734	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	461406	41.173	ng		99
20) 3+4-Methylphenols	7.09	107	695787	43.767	ng		92
22) Acetophenone	7.07	105	988372	45.280	ng		95
24) Nitrobenzene	7.25	77	727504	44.064	ng		99
25) Isophorone	7.49	82	1312835	42.242	ng		97
26) 2-Nitrophenol	7.56	139	404607	44.111	ng		100
27) 2,4-Dimethylphenol	7.61	122	648553	48.319	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	842081	42.355	ng		99
29) 2,4-Dichlorophenol	7.81	162	625073	44.470	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	689337	42.733	ng		98
31) Naphthalene	7.97	128	2072281	46.120	ng		99
32) Benzoic acid	7.73	122	187133	18.665	ng		96
33) 4-Chloroaniline	8.02	127	96480	4.550	ng		97
34) Hexachlorobutadiene	8.09	225	370849	40.988	ng		99
35) Caprolactam	8.39	113	154869m	32.708	ng		
36) 4-Chloro-3-methylphenol	8.51	107	632718	44.318	ng		99
37) 2-Methylnaphthalene	8.66	142	1394744	45.679	ng		99
38) 1-Methylnaphthalene	8.76	142	1325851	45.913	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	631725	47.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	252542	33.360	ng		98
43) 2,4,6-Trichlorophenol	8.94	196	446699	44.172	ng		97
44) 2,4,5-Trichlorophenol	8.99	196	460790	44.191	ng		96
46) 1,1'-Biphenyl	9.12	154	1644791	47.463	ng		98
47) 2-Chloronaphthalene	9.14	162	1307840	44.707	ng		99
48) 2-Nitroaniline	9.24	65	376839	42.319	ng		99
49) Acenaphthylene	9.56	152	1994152	46.258	ng		98
50) Dimethylphthalate	9.42	163	1557750	44.745	ng		99
51) 2,6-Dinitrotoluene	9.48	165	354715	44.360	ng		98
52) Acenaphthene	9.73	154	1151300	44.083	ng		100
53) 3-Nitroaniline	9.64	138	116181	12.100	ng		99
54) 2,4-Dinitrophenol	9.76	184	113296	28.627	ng	#	89
55) Dibenzofuran	9.90	168	1716990	46.055	ng		98
56) 4-Nitrophenol	9.82	139	506748	74.049	ng		95
57) 2,4-Dinitrotoluene	9.89	165	449252	44.447	ng		94
58) Fluorene	10.24	166	1246852	43.386	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	369771	43.866	ng		100
60) Diethylphthalate	10.12	149	1517085	44.835	ng		99
61) 4-Chlorophenyl-phenylether	10.23	204	622026	43.235	ng		100
62) 4-Nitroaniline	10.26	138	334174	33.959	ng		99
63) Azobenzene	10.39	77	1278595	43.414	ng		99
65) 4,6-Dinitro-2-methylphenol	10.29	198	86817	18.509	ng		94
66) n-Nitrosodiphenylamine	10.35	169	1186503	47.749	ng		99
67) 4-Bromophenyl-phenylether	10.72	248	407827	45.016	ng		99
68) Hexachlorobenzene	10.79	284	422839	42.265	ng		98
69) Atrazine	10.88	200	323316	38.615	ng		99
70) Pentachlorophenol	10.98	266	386698	68.929	ng		99
71) Phenanthrene	11.19	178	1841554	45.382	ng		98
72) Anthracene	11.25	178	1874419	45.509	ng		99
73) Carbazole	11.40	167	1679132	44.778	ng		98
74) Di-n-butylphthalate	11.74	149	2209616	47.679	ng		98
75) Fluoranthene	12.37	202	1725648	41.114	ng		95
77) Benzidine	12.49	184	19496	0.925	ng	#	76
78) Pyrene	12.60	202	1696260	40.444	ng		98
80) Butylbenzylphthalate	13.22	149	856990	41.475	ng		98
81) Benzo(a)anthracene	13.78	228	1477368	41.489	ng		99
82) 3,3'-Dichlorobenzidine	13.74	252	263580	18.134	ng		98
83) Chrysene	13.82	228	1528346	42.742	ng		98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1080652	44.657	ng		100
85) Di-n-octyl phthalate	14.39	149	1978305	44.752	ng		99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1285793	38.249	ng		100
88) Benzo(b)fluoranthene	14.79	252	1638858	47.558	ng		98
89) Benzo(k)fluoranthene	14.82	252	1329181	44.445	ng		99
90) Benzo(a)pyrene	15.12	252	1375134	45.943	ng		99
91) Dibenzo(a,h)anthracene	16.50	278	1091385	43.167	ng		98
92) Benzo(g,h,i)perylene	16.87	276	1021457	40.531	ng		99

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

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