Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
Data File : BF114230.D
Acq On : 13 May 2019 15:50
Operator : JU/SJ
Sample : K2764-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS002-1218-01MS

Manual Integrations APPROVED
Sohil
5/14/2019 8:03:13 PM

Quant Time: May 14 09:48:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	244261	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	934781	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	449097	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	881540	20.00	ng		0.01
76) Chrysene-d12	14.03	240	516657	20.00	ng		0.01
87) Perylene-d12	15.53	264	575058	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2008813	132.35	ng		0.02
7) Phenol-d6	6.52	99	2678140	149.18	ng		0.02
23) Nitrobenzene-d5	7.42	82	1737316	104.30	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	632076	136.14	ng		0.02
45) 2-Fluorobiphenyl	9.22	172	2486128	83.74	ng		0.00
79) Terphenyl-d14	12.96	244	2298016	91.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	309206	37.062	ng		99
3) Pyridine	3.40	79	734758	31.965	ng		97
4) n-Nitrosodimethylamine	3.33	42	491157	44.309	ng		92
6) Aniline	6.53	93	520623	20.076	ng	#	1
8) 2-Chlorophenol	6.66	128	860218	53.087	ng		92
9) Benzaldehyde	6.40	77	398329	31.695	ng		97
10) Phenol	6.53	94	1007624	47.713	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	875762	54.624	ng		100
12) 1,3-Dichlorobenzene	6.80	146	874715	48.091	ng		99
13) 1,4-Dichlorobenzene	6.87	146	878244	47.917	ng		98
14) 1,2-Dichlorobenzene	7.03	146	813976	48.610	ng		98
15) Benzyl Alcohol	7.00	79	726203	51.866	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1538671	49.496	ng		67
17) 2-Methylphenol	7.13	107	683973	51.385	ng	#	88
18) Hexachloroethane	7.37	117	316779	46.044	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	605758	53.235	ng		99
20) 3+4-Methylphenols	7.28	107	857965	55.788	ng	#	58
22) Acetophenone	7.27	105	1159357	55.985	ng	#	91
24) Nitrobenzene	7.44	77	944053	55.647	ng		99
25) Isophorone	7.68	82	1724978	55.839	ng		99
26) 2-Nitrophenol	7.76	139	490541	59.598	ng		97
27) 2,4-Dimethylphenol	7.80	122	784329	60.673	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1113514	55.554	ng		100
29) 2,4-Dichlorophenol	8.00	162	721481	56.049	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	748475	51.134	ng		100
31) Naphthalene	8.16	128	2378646	54.475	ng		100
32) Benzoic acid	7.95	122	523414	55.500	ng		98
33) 4-Chloroaniline	8.21	127	269312	13.535	ng		98
34) Hexachlorobutadiene	8.28	225	409136	49.124	ng		98
35) Caprolactam	8.60	113	262280m	62.487	ng		
36) 4-Chloro-3-methylphenol	8.71	107	781837	60.340	ng		99
37) 2-Methylnaphthalene	8.85	142	1615495	57.343	ng		98
38) 1-Methylnaphthalene	8.95	142	1508620	56.863	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	723765	53.202	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	230901	38.787 ng	98
43) 2,4,6-Trichlorophenol	9.14	196	516802	55.230 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	550808	57.398 ng	98
46) 1,1'-Biphenyl	9.32	154	1919653	52.911 ng	99
47) 2-Chloronaphthalene	9.35	162	1481161	50.727 ng	97
48) 2-Nitroaniline	9.44	65	554467	53.545 ng	99
49) Acenaphthylene	9.76	152	2453178	55.240 ng	100
50) Dimethylphthalate	9.62	163	2107319	63.920 ng	99
51) 2,6-Dinitrotoluene	9.68	165	415712	56.851 ng	98
52) Acenaphthene	9.93	154	1375733	50.483 ng	98
53) 3-Nitroaniline	9.85	138	302669	33.344 ng	99
54) 2,4-Dinitrophenol	9.97	184	325439	87.792 ng	92
55) Dibenzofuran	10.10	168	2020790	50.570 ng	98
56) 4-Nitrophenol	10.04	139	591149	92.091 ng	96
57) 2,4-Dinitrotoluene	10.09	165	534101	53.814 ng	95
58) Fluorene	10.45	166	1628620	52.765 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	458518	55.376 ng	100
60) Diethylphthalate	10.32	149	1825890	54.508 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	781076	51.523 ng	99
62) 4-Nitroaniline	10.47	138	448859	47.059 ng	97
63) Azobenzene	10.59	77	1736297	53.550 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	214546	50.649 ng	88
66) n-Nitrosodiphenylamine	10.55	169	1493498	55.821 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	517644	53.332 ng	99
68) Hexachlorobenzene	11.00	284	543641	50.630 ng	98
69) Atrazine	11.09	200	473333	56.850 ng	99
70) Pentachlorophenol	11.20	266	530974	104.316 ng	99
71) Phenanthrene	11.41	178	2528464	58.955 ng	100
72) Anthracene	11.46	178	2350572	54.566 ng	99
73) Carbazole	11.62	167	2178058	53.022 ng	100
74) Di-n-butylphthalate	11.94	149	2778039	58.701 ng	99
75) Fluoranthene	12.60	202	2738391	59.292 ng	97
77) Benzidine	12.71	184	85464	3.685 ng	98
78) Pyrene	12.83	202	3050641	73.399 ng	97
80) Butylbenzylphthalate	13.43	149	1139927m	65.161 ng	
81) Benzo(a)anthracene	14.02	228	2065572	61.812 ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	492269	37.974 ng	99
83) Chrysene	14.06	228	2079868	63.492 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1675041	73.210 ng	100
85) Di-n-octyl phthalate	14.64	149	2737941	73.819 ng	98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1635199	56.481 ng	99
88) Benzo(b)fluoranthene	15.10	252	2433192	66.045 ng	99
89) Benzo(k)fluoranthene	15.13	252	1708586	50.486 ng	99
90) Benzo(a)pyrene	15.48	252	1990112	61.379 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	1300477	48.269 ng	97
92) Benzo(g,h,i)perylene	17.48	276	1625158	60.190 ng	100

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

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