Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114752.D
Acq On : 1 Jun 2019 13:06
Operator : HP/JU
Sample : K3097-12MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0432-HR-12(HACKENSACK)MS

Manual Integrations APPROVED
mohammad
6/3/2019 8:51:14 AM

Quant Time: Jun 03 02:58:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	373893	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1426064	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	699500	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1357209	20.00	ng		0.00
76) Chrysene-d12	13.82	240	701542	20.00	ng		0.00
87) Perylene-d12	15.20	264	840593	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2595567	121.88	ng		0.02
7) Phenol-d6	6.34	99	3206710	124.96	ng		0.01
23) Nitrobenzene-d5	7.26	82	1969456	86.16	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	915462	137.35	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	3388525	92.39	ng		0.00
79) Terphenyl-d14	12.78	244	3493213	93.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	364201	35.638	ng		96
3) Pyridine	3.08	79	1036980	34.866	ng		98
4) n-Nitrosodimethylamine	3.02	42	461478	38.342	ng		93
6) Aniline	6.36	93	1105703	28.525	ng	#	59
8) 2-Chlorophenol	6.49	128	1109223	45.102	ng		98
9) Benzaldehyde	6.24	77	405010	24.322	ng		93
10) Phenol	6.35	94	1335572	43.082	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	1001746	42.246	ng		96
12) 1,3-Dichlorobenzene	6.64	146	1153613	41.171	ng		100
13) 1,4-Dichlorobenzene	6.72	146	1167257	41.526	ng		100
14) 1,2-Dichlorobenzene	6.87	146	1098200	42.913	ng		99
15) Benzyl Alcohol	6.84	79	922491	45.700	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1383932	38.052	ng		98
17) 2-Methylphenol	6.96	107	939501	45.166	ng		98
18) Hexachloroethane	7.21	117	421763	39.629	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	715001	40.365	ng		97
20) 3+4-Methylphenols	7.11	107	1052999	43.041	ng		93
22) Acetophenone	7.11	105	1424037	46.866	ng		99
24) Nitrobenzene	7.28	77	1120203	46.136	ng		91
25) Isophorone	7.52	82	2042398	44.524	ng		100
26) 2-Nitrophenol	7.59	139	614108	51.959	ng		99
27) 2,4-Dimethylphenol	7.64	122	993754	50.556	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1288192	44.115	ng		100
29) 2,4-Dichlorophenol	7.83	162	967424	48.353	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	1021072	44.794	ng		99
31) Naphthalene	8.00	128	2932314	44.641	ng		100
33) 4-Chloroaniline	8.05	127	714378	22.827	ng		96
34) Hexachlorobutadiene	8.13	225	550568	43.479	ng		98
35) Caprolactam	8.42	113	284953m	42.203	ng		
36) 4-Chloro-3-methylphenol	8.53	107	989479	49.315	ng		99
37) 2-Methylnaphthalene	8.69	142	2067730	47.377	ng		99
38) 1-Methylnaphthalene	8.79	142	1980561	47.897	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	872298	46.827	ng		99
41) Hexachlorocyclopentadiene	8.85	237	895307	72.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.96	196	698322	47.643	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	751453	51.376	ng	99
46) 1,1'-Biphenyl	9.15	154	2392828	46.083	ng	100
47) 2-Chloronaphthalene	9.17	162	1955495	45.911	ng	98
48) 2-Nitroaniline	9.26	65	615638	46.838	ng	99
49) Acenaphthylene	9.59	152	2982402	45.324	ng	98
50) Dimethylphthalate	9.46	163	2490220	51.090	ng	99
51) 2,6-Dinitrotoluene	9.51	165	564469	49.839	ng	99
52) Acenaphthene	9.76	154	1816763	45.020	ng	100
53) 3-Nitroaniline	9.67	138	473216	34.139	ng	94
54) 2,4-Dinitrophenol	9.77	184	89845	20.111	ng	93
55) Dibenzofuran	9.93	168	2610709	45.449	ng	98
56) 4-Nitrophenol	9.84	139	948384	92.324	ng	91
57) 2,4-Dinitrotoluene	9.91	165	748164	51.471	ng	93
58) Fluorene	10.27	166	1846089	50.035	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	583938	48.774	ng	99
60) Diethylphthalate	10.15	149	2257657	45.350	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	915931	48.916	ng	99
62) 4-Nitroaniline	10.29	138	621847	46.037	ng	98
63) Azobenzene	10.42	77	2047883	44.805	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	155324	25.810	ng	81
66) n-Nitrosodiphenylamine	10.38	169	1899306	47.365	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	651116	44.737	ng	99
68) Hexachlorobenzene	10.82	284	712561	45.202	ng	99
69) Atrazine	10.91	200	630872	53.334	ng	99
70) Pentachlorophenol	11.00	266	589588	64.882	ng	98
71) Phenanthrene	11.22	178	2978614	43.023	ng	100
72) Anthracene	11.27	178	3032410	43.276	ng	98
73) Carbazole	11.43	167	2811570	45.655	ng	99
74) Di-n-butylphthalate	11.77	149	3213198	42.662	ng	100
75) Fluoranthene	12.40	202	2949821	41.147	ng	98
77) Benzidine	12.52	184	1309518	45.330	ng	99
78) Pyrene	12.63	202	2934764	49.453	ng	99
80) Butylbenzylphthalate	13.26	149	1393024	46.707	ng	98
81) Benzo(a)anthracene	13.81	228	2318245	43.001	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	671802	32.267	ng	98
83) Chrysene	13.84	228	2246161	43.608	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	1691496	45.875	ng	99
85) Di-n-octyl phthalate	14.43	149	2675132	41.758	ng	97
86) Indeno(1,2,3-cd)pyrene	16.53	276	2769883	53.693	ng	99
88) Benzo(b)fluoranthene	14.82	252	2456738	46.403	ng	100
89) Benzo(k)fluoranthene	14.84	252	1909221	41.489	ng	100
90) Benzo(a)pyrene	15.15	252	2202850	47.362	ng	99
91) Dibenzo(a,h)anthracene	16.55	278	2256903	54.913	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2390257	59.922	ng	99

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

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