Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113382.D
Acq On : 28 Mar 2019 19:05
Operator : JU/SJ
Sample : K2107-15MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8MSD

Manual Integrations APPROVED
Sohil
3/29/2019 4:47:21 PM

Quant Time: Mar 29 02:38:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	175374	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	681209	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	348473	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	748903	20.00	ng		0.00
76) Chrysene-d12	13.84	240	637101	20.00	ng		0.00
87) Perylene-d12	15.24	264	593330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1067520	99.53	ng		0.00
7) Phenol-d6	6.36	99	1384677	102.05	ng		0.00
23) Nitrobenzene-d5	7.27	82	856985	74.67	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	466839	108.46	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1644297	71.07	ng		0.00
79) Terphenyl-d14	12.79	244	2079656	71.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	161761	29.726	ng		97
3) Pyridine	3.14	79	167517	12.487	ng		96
4) n-Nitrosodimethylamine	3.03	42	187513	31.442	ng		93
6) Aniline	6.36	93	318907	19.301	ng	#	75
8) 2-Chlorophenol	6.49	128	432240	34.704	ng		97
9) Benzaldehyde	6.25	77	105677	11.607	ng		98
10) Phenol	6.37	94	520492	33.602	ng		79
11) bis(2-Chloroethyl)ether	6.44	93	412430	34.735	ng		99
12) 1,3-Dichlorobenzene	6.65	146	448141	33.380	ng		98
13) 1,4-Dichlorobenzene	6.72	146	457040	35.257	ng		98
14) 1,2-Dichlorobenzene	6.87	146	426409	33.436	ng		97
15) Benzyl Alcohol	6.85	79	333171	37.221	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	653032	36.610	ng		89
17) 2-Methylphenol	6.97	107	355638	36.435	ng		97
18) Hexachloroethane	7.22	117	163511	35.119	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	293557	34.444	ng		98
20) 3+4-Methylphenols	7.13	107	442150	38.327	ng		93
22) Acetophenone	7.12	105	582765	37.512	ng	#	98
24) Nitrobenzene	7.29	77	449844	37.561	ng		98
25) Isophorone	7.53	82	847920	38.122	ng		99
26) 2-Nitrophenol	7.60	139	240104	37.928	ng		93
27) 2,4-Dimethylphenol	7.65	122	397177	43.615	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	542368	38.722	ng		99
29) 2,4-Dichlorophenol	7.85	162	388034	39.321	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	399896	37.560	ng		99
31) Naphthalene	8.00	128	1253811	37.664	ng		99
32) Benzoic acid	7.75	122	16595m	2.264	ng		
33) 4-Chloroaniline	8.06	127	311949	24.031	ng		99
34) Hexachlorobutadiene	8.13	225	233825	36.951	ng		99
35) Caprolactam	8.43	113	121407m	38.333	ng		
36) 4-Chloro-3-methylphenol	8.56	107	405119	40.815	ng		99
37) 2-Methylnaphthalene	8.70	142	856288	41.225	ng		99
38) 1-Methylnaphthalene	8.80	142	812304	40.658	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	398227	35.601	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	371958	78.560	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	281358	38.626	ng		97
44) 2,4,5-Trichlorophenol	9.03	196	300456	37.271	ng		99
46) 1,1'-Biphenyl	9.16	154	1060185	36.427	ng		100
47) 2-Chloronaphthalene	9.19	162	813979	36.324	ng		98
48) 2-Nitroaniline	9.28	65	267574	38.049	ng		96
49) Acenaphthylene	9.60	152	1324666	36.560	ng		99
50) Dimethylphthalate	9.46	163	1108716	42.932	ng		99
51) 2,6-Dinitrotoluene	9.53	165	225657	38.733	ng		93
52) Acenaphthene	9.77	154	762661	37.377	ng		100
53) 3-Nitroaniline	9.69	138	209781	31.930	ng		91
54) 2,4-Dinitrophenol	9.81	184	108783	37.542	ng	#	87
55) Dibenzofuran	9.94	168	1163134	37.918	ng		100
56) 4-Nitrophenol	9.87	139	329769	70.403	ng		96
57) 2,4-Dinitrotoluene	9.93	165	289756	39.109	ng		98
58) Fluorene	10.28	166	894304	37.529	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	267654	39.262	ng		98
60) Diethylphthalate	10.16	149	1016633	40.129	ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	453868	39.079	ng		95
62) 4-Nitroaniline	10.31	138	267339	39.521	ng		97
63) Azobenzene	10.43	77	944313	39.598	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	111172	27.136	ng		98
66) n-Nitrosodiphenylamine	10.40	169	845885	36.809	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	307189	37.635	ng		94
68) Hexachlorobenzene	10.83	284	356112	37.586	ng		96
69) Atrazine	10.92	200	294301	40.574	ng		95
70) Pentachlorophenol	11.03	266	283531	57.439	ng		100
71) Phenanthrene	11.24	178	1396900	37.561	ng		100
72) Anthracene	11.29	178	1445867	38.275	ng		100
73) Carbazole	11.45	167	1409590	39.105	ng		99
74) Di-n-butylphthalate	11.78	149	1727369	41.324	ng		100
75) Fluoranthene	12.42	202	1620024	38.532	ng		99
77) Benzidine	12.54	184	44047	1.805	ng		96
78) Pyrene	12.65	202	1624044	36.786	ng		100
80) Butylbenzylphthalate	13.27	149	792795	40.746	ng		94
81) Benzo(a)anthracene	13.83	228	1314440	36.043	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	485225	33.166	ng		99
83) Chrysene	13.87	228	1385696	37.409	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	986459	41.357	ng		99
85) Di-n-octyl phthalate	14.43	149	1835115	45.326	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1283984	40.389	ng		98
88) Benzo(b)fluoranthene	14.85	252	1399246	37.964	ng		99
89) Benzo(k)fluoranthene	14.88	252	1231501	38.047	ng		100
90) Benzo(a)pyrene	15.19	252	1251588	38.303	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	1081307	38.272	ng		98
92) Benzo(g,h,i)perylene	17.01	276	1084153	38.057	ng		99

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

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