Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115430.D
Acq On : 9 Jul 2019 2:30
Operator : HP/JU
Sample : K3668-09MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-T2MS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:48 AM

Quant Time: Jul 09 07:58:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179195	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	722301	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	356187	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	643765	20.00	ng		0.00
76) Chrysene-d12	14.04	240	387404	20.00	ng		-0.02
87) Perylene-d12	15.51	264	420618	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1171242	100.99	ng		0.00
7) Phenol-d6	6.53	99	1561233	105.84	ng		0.00
23) Nitrobenzene-d5	7.46	82	975011	79.75	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	416217	105.69	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1659050	81.73	ng		0.00
79) Terphenyl-d14	12.99	244	1562717	82.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	163424	28.727	ng		99
3) Pyridine	3.50	79	435144	27.662	ng		97
4) n-Nitrosodimethylamine	3.45	42	193760	30.375	ng		92
6) Aniline	6.56	93	415214	19.948	ng		99
8) 2-Chlorophenol	6.68	128	462536	35.318	ng		99
9) Benzaldehyde	6.44	77	258140	28.492	ng		98
10) Phenol	6.54	94	592887	33.594	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	447298	34.164	ng		96
12) 1,3-Dichlorobenzene	6.84	146	474150	33.047	ng		98
13) 1,4-Dichlorobenzene	6.92	146	480418	33.428	ng		99
14) 1,2-Dichlorobenzene	7.07	146	449000	33.744	ng		98
15) Benzyl Alcohol	7.03	79	413741	34.955	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	604125	33.000	ng		99
17) 2-Methylphenol	7.15	107	392479	34.982	ng		98
18) Hexachloroethane	7.41	117	170512	31.848	ng		95
19) n-Nitroso-di-n-propylamine	7.31	70	331642	33.233	ng		98
20) 3+4-Methylphenols	7.29	107	479835	36.206	ng		97
22) Acetophenone	7.30	105	635055	36.692	ng	#	95
24) Nitrobenzene	7.47	77	504463	36.538	ng		96
25) Isophorone	7.72	82	931733	35.162	ng		99
26) 2-Nitrophenol	7.79	139	238167	41.959	ng		94
27) 2,4-Dimethylphenol	7.83	122	409925	37.873	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	576993	35.312	ng		99
29) 2,4-Dichlorophenol	8.03	162	402704	37.355	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	425373	35.444	ng		100
31) Naphthalene	8.20	128	1315944	36.680	ng		100
32) Benzoic acid	7.86	122	12709m	7.451	ng		
33) 4-Chloroaniline	8.24	127	268320	16.762	ng		99
34) Hexachlorobutadiene	8.32	225	235441	34.593	ng		99
35) Caprolactam	8.60	113	124741m	35.528	ng		
36) 4-Chloro-3-methylphenol	8.72	107	422853	37.083	ng		100
37) 2-Methylnaphthalene	8.89	142	890416	37.131	ng		99
38) 1-Methylnaphthalene	8.99	142	830717	36.307	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	396670	38.711	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261845	44.088	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	282888	37.920	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	298363	38.570	ng		100
46) 1,1'-Biphenyl	9.35	154	1075553	38.410	ng		99
47) 2-Chloronaphthalene	9.38	162	844342	36.484	ng		97
48) 2-Nitroaniline	9.46	65	271383	39.913	ng		98
49) Acenaphthylene	9.79	152	1288055	36.760	ng		99
50) Dimethylphthalate	9.65	163	1240962	46.418	ng		100
51) 2,6-Dinitrotoluene	9.71	165	228153	39.350	ng		87
52) Acenaphthene	9.96	154	774114	35.104	ng		99
53) 3-Nitroaniline	9.87	138	181188	26.906	ng		95
54) 2,4-Dinitrophenol	9.97	184	20883	17.004	ng	#	1
55) Dibenzofuran	10.14	168	1140319	36.709	ng		97
56) 4-Nitrophenol	10.03	139	374562	71.891	ng		94
57) 2,4-Dinitrotoluene	10.11	165	296772	40.275	ng		97
58) Fluorene	10.48	166	841028	34.345	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	227384	34.027	ng		100
60) Diethylphthalate	10.35	149	982106	37.322	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	438942	36.726	ng		99
62) 4-Nitroaniline	10.49	138	216428	32.742	ng		99
63) Azobenzene	10.63	77	954875	35.202	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	43675	19.679	ng		96
66) n-Nitrosodiphenylamine	10.59	169	810305	39.948	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	278019	38.488	ng		99
68) Hexachlorobenzene	11.03	284	295395	36.443	ng		96
69) Atrazine	11.11	200	266458	42.447	ng		99
70) Pentachlorophenol	11.22	266	259016	52.434	ng		99
71) Phenanthrene	11.44	178	1253937	37.036	ng		99
72) Anthracene	11.49	178	1280596	37.719	ng		99
73) Carbazole	11.64	167	1147327	36.939	ng		100
74) Di-n-butylphthalate	11.97	149	1447637	38.565	ng		99
75) Fluoranthene	12.62	202	1191900	33.435	ng		99
77) Benzidine	12.74	184	690211	45.687	ng		99
78) Pyrene	12.85	202	1163151	38.609	ng		98
80) Butylbenzylphthalate	13.47	149	540939	41.096	ng		91
81) Benzo(a)anthracene	14.03	228	887191	35.742	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	288175	31.995	ng		97
83) Chrysene	14.07	228	914849	35.870	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	743263	45.596	ng		100
85) Di-n-octyl phthalate	14.64	149	1201987	41.420	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	930458	44.475	ng	#	100
88) Benzo(b)fluoranthene	15.09	252	922298	33.678	ng		98
89) Benzo(k)fluoranthene	15.12	252	873754	35.875	ng		99
90) Benzo(a)pyrene	15.45	252	878325	37.185	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	791622	39.219	ng		99
92) Benzo(g,h,i)perylene	17.44	276	738089	38.634	ng		98

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

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