Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115456.D
Acq On : 10 Jul 2019 15:36
Operator : HP/JU
Sample : K3636-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:08 PM

Quant Time: Jul 11 12:38:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146008	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	579638	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	288112	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	578604	20.00	ng		0.00
76) Chrysene-d12	14.07	240	428826	20.00	ng		0.00
87) Perylene-d12	15.57	264	452210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	536354	56.76	ng		0.00
7) Phenol-d6	6.52	99	454800	37.84	ng		0.00
23) Nitrobenzene-d5	7.46	82	867180	88.39	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	360044	113.02	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1500934	91.41	ng		0.00
79) Terphenyl-d14	13.00	244	1692950	80.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	68737	14.829	ng		98
3) Pyridine	3.45	79	235121	18.344	ng		99
4) n-Nitrosodimethylamine	3.38	42	70770	13.616	ng		99
6) Aniline	6.55	93	357623	21.086	ng		97
8) 2-Chlorophenol	6.68	128	343560	32.196	ng		94
9) Benzaldehyde	6.44	77	242225	33.995	ng		98
10) Phenol	6.53	94	202077	14.053	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	391929	36.739	ng		97
12) 1,3-Dichlorobenzene	6.83	146	439704	37.612	ng		98
13) 1,4-Dichlorobenzene	6.91	146	447167	38.186	ng		99
14) 1,2-Dichlorobenzene	7.07	146	412329	38.032	ng		97
15) Benzyl Alcohol	7.03	79	237342	24.609	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	512414	34.353	ng		99
17) 2-Methylphenol	7.14	107	238587	26.099	ng		99
18) Hexachloroethane	7.41	117	160543	36.802	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	285445	35.105	ng		96
20) 3+4-Methylphenols	7.29	107	266038	24.637	ng	#	78
22) Acetophenone	7.30	105	559996	40.319	ng	#	96
24) Nitrobenzene	7.47	77	444889	40.154	ng		100
25) Isophorone	7.71	82	800119	37.627	ng		98
26) 2-Nitrophenol	7.79	139	208934	45.869	ng		95
27) 2,4-Dimethylphenol	7.82	122	304575	35.066	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	490680	37.420	ng		99
29) 2,4-Dichlorophenol	8.03	162	326524	37.744	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	382624	39.729	ng		99
31) Naphthalene	8.20	128	1170953	40.671	ng		100
32) Benzoic acid	7.95	122	1109m	6.195	ng		
33) 4-Chloroaniline	8.24	127	285843	22.252	ng		99
34) Hexachlorobutadiene	8.32	225	212774	38.957	ng		99
35) Caprolactam	8.60	113	16671	5.917	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	327518	35.792	ng		98
37) 2-Methylnaphthalene	8.89	142	789074	41.004	ng		98
38) 1-Methylnaphthalene	8.99	142	736890	40.133	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	350235	42.255	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	383086	79.743	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	230519	38.201	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	244677	39.104	ng	#	93
46) 1,1'-Biphenyl	9.36	154	968792	42.772	ng		98
47) 2-Chloronaphthalene	9.38	162	760875	40.646	ng		99
48) 2-Nitroaniline	9.47	65	235511	42.821	ng		96
49) Acenaphthylene	9.80	152	1172176	41.358	ng		99
50) Dimethylphthalate	9.66	163	984053	45.506	ng		98
51) 2,6-Dinitrotoluene	9.71	165	209785	44.731	ng		97
52) Acenaphthene	9.97	154	711519	39.889	ng		99
53) 3-Nitroaniline	9.87	138	167903	30.824	ng		96
54) 2,4-Dinitrophenol	9.98	184	31908	23.529	ng	#	58
55) Dibenzofuran	10.14	168	1068151	42.510	ng		100
56) 4-Nitrophenol	10.03	139	123446	29.292	ng		97
57) 2,4-Dinitrotoluene	10.12	165	279770	46.939	ng	#	86
58) Fluorene	10.48	166	775873	39.171	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	188565	34.885	ng		99
60) Diethylphthalate	10.35	149	869187	40.835	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	396847	41.049	ng		97
62) 4-Nitroaniline	10.49	138	223039	41.715	ng		98
63) Azobenzene	10.63	77	861905	39.283	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	63803	27.097	ng		91
66) n-Nitrosodiphenylamine	10.59	169	743919	40.806	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	257827	39.712	ng		96
68) Hexachlorobenzene	11.03	284	294280	40.394	ng		97
69) Atrazine	11.12	200	243514	43.161	ng		99
70) Pentachlorophenol	11.22	266	216530	48.770	ng		100
71) Phenanthrene	11.45	178	1252640	41.164	ng		99
72) Anthracene	11.50	178	1285175	42.117	ng		100
73) Carbazole	11.65	167	1169309	41.886	ng		99
74) Di-n-butylphthalate	11.98	149	1373184	40.701	ng		100
75) Fluoranthene	12.63	202	1354117	42.263	ng		99
77) Benzidine	12.74	184	420934	25.172	ng		99
78) Pyrene	12.86	202	1372014	41.143	ng		99
80) Butylbenzylphthalate	13.48	149	596714	40.954	ng		95
81) Benzo(a)anthracene	14.06	228	1117981	40.689	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	326977	32.796	ng		98
83) Chrysene	14.10	228	1169911	41.440	ng		99
84) Bis(2-ethylhexyl)phthalate	14.05	149	728109	40.352	ng		99
85) Di-n-octyl phthalate	14.69	149	1250506	38.930	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1316085	58.715	ng		100
88) Benzo(b)fluoranthene	15.13	252	1200556	40.776	ng		99
89) Benzo(k)fluoranthene	15.17	252	1010958	38.609	ng		98
90) Benzo(a)pyrene	15.51	252	1076672	42.397	ng		99
91) Dibenzo(a,h)anthracene	17.09	278	1082087	49.865	ng		99
92) Benzo(g,h,i)perylene	17.52	276	1125187	54.781	ng		99

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

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