Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115728.D
Acq On : 23 Jul 2019 19:30
Operator : HP/JU
Sample : K3617-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-AMSD

Manual Integrations APPROVED
mohammad
7/24/2019 11:35:02 AM

Quant Time: Jul 24 05:53:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178150	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	687601	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	384404	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	700467	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	472794	20.00	ng		-0.01
87) Perylene-d12	15.50	264	450761	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1217446	111.78	ng		0.01
7) Phenol-d6	6.52	99	1519322	109.94	ng		0.00
23) Nitrobenzene-d5	7.44	82	1143859	96.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	573701	127.86	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	2065835	94.06	ng		-0.02
79) Terphenyl-d14	12.98	244	2411683	94.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	175731	32.346	ng	#	85
3) Pyridine	3.55	79	383651	26.028	ng		99
4) n-Nitrosodimethylamine	3.47	42	207392	38.785	ng		92
6) Aniline	6.54	93	218253	11.348	ng		93
8) 2-Chlorophenol	6.67	128	486803	38.876	ng		95
9) Benzaldehyde	6.42	77	194338	22.503	ng		98
10) Phenol	6.53	94	533112	33.230	ng		82
11) bis(2-Chloroethyl)ether	6.61	93	491944	40.276	ng		99
12) 1,3-Dichlorobenzene	6.82	146	508820	36.141	ng		97
13) 1,4-Dichlorobenzene	6.89	146	523504	37.268	ng		97
14) 1,2-Dichlorobenzene	7.05	146	479519	37.343	ng		98
15) Benzyl Alcohol	7.02	79	443193	40.426	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	654544	40.704	ng		98
17) 2-Methylphenol	7.13	107	433291	40.152	ng		98
18) Hexachloroethane	7.39	117	193255	37.066	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	362317	40.199	ng		96
20) 3+4-Methylphenols	7.28	107	492391	38.414	ng	#	82
22) Acetophenone	7.28	105	686010	44.162	ng	#	99
24) Nitrobenzene	7.46	77	559034	43.830	ng		99
25) Isophorone	7.69	82	1062998	44.923	ng		98
26) 2-Nitrophenol	7.77	139	286019	43.567	ng		97
27) 2,4-Dimethylphenol	7.81	122	474375	48.293	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	654297	45.073	ng		99
29) 2,4-Dichlorophenol	8.02	162	463946	45.415	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	473803	41.031	ng		98
31) Naphthalene	8.17	128	1450872	43.569	ng		98
32) Benzoic acid	7.92	122	214819	26.648	ng		95
33) 4-Chloroaniline	8.22	127	134410	9.112	ng		98
34) Hexachlorobutadiene	8.30	225	271269	40.965	ng		98
35) Caprolactam	8.60	113	110791m	35.096	ng		
36) 4-Chloro-3-methylphenol	8.71	107	494272	46.643	ng		100
37) 2-Methylnaphthalene	8.87	142	1019268	46.175	ng		97
38) 1-Methylnaphthalene	8.97	142	945724	45.106	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	460574	39.788	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	458730	69.470	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	333221	39.363	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	363949	41.981	ng		98
46) 1,1'-Biphenyl	9.33	154	1263738	42.051	ng		98
47) 2-Chloronaphthalene	9.36	162	1003404	40.099	ng		98
48) 2-Nitroaniline	9.45	65	321411	41.499	ng		97
49) Acenaphthylene	9.77	152	1553963	41.910	ng		98
50) Dimethylphthalate	9.63	163	1306472	45.173	ng		99
51) 2,6-Dinitrotoluene	9.69	165	283670	43.160	ng		95
52) Acenaphthene	9.95	154	947899	39.598	ng		99
53) 3-Nitroaniline	9.86	138	116824	15.554	ng		97
54) 2,4-Dinitrophenol	9.97	184	232387	68.866	ng		95
55) Dibenzofuran	10.12	168	1399937	41.180	ng		98
56) 4-Nitrophenol	10.03	139	415597	72.563	ng		98
57) 2,4-Dinitrotoluene	10.10	165	382127	44.876	ng		93
58) Fluorene	10.46	166	1056533	43.474	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	309070	42.647	ng		98
60) Diethylphthalate	10.33	149	1215054	44.839	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	541397	40.171	ng		98
62) 4-Nitroaniline	10.48	138	296990	41.223	ng		95
63) Azobenzene	10.61	77	1214477	46.206	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	182083	42.547	ng		91
66) n-Nitrosodiphenylamine	10.57	169	1011240	46.411	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	353168	44.120	ng		99
68) Hexachlorobenzene	11.02	284	390957	42.768	ng		96
69) Atrazine	11.10	200	323598	45.271	ng		99
70) Pentachlorophenol	11.21	266	415168	74.256	ng		99
71) Phenanthrene	11.42	178	1615493	44.993	ng		98
72) Anthracene	11.47	178	1680184	45.280	ng		99
73) Carbazole	11.63	167	1514680	46.549	ng		100
74) Di-n-butylphthalate	11.96	149	1923441	47.988	ng		99
75) Fluoranthene	12.61	202	1745795	46.012	ng		98
77) Benzidine	12.72	184	312865	18.680	ng	#	83
78) Pyrene	12.84	202	1749789	43.683	ng		98
80) Butylbenzylphthalate	13.45	149	823404	48.220	ng		97
81) Benzo(a)anthracene	14.03	228	1383743	44.425	ng		97
82) 3,3'-Dichlorobenzidine	13.98	252	120762	10.906	ng		98
83) Chrysene	14.06	228	1354435	43.317	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1121019	52.999	ng		99
85) Di-n-octyl phthalate	14.62	149	1743103	51.794	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1377155	51.841	ng		100
88) Benzo(b)fluoranthene	15.07	252	1292652	44.535	ng		100
89) Benzo(k)fluoranthene	15.11	252	1092272	42.209	ng		97
90) Benzo(a)pyrene	15.44	252	1129259	45.266	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1131205	51.651	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1157479	52.992	ng		99

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

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