Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115727.D
Acq On : 23 Jul 2019 19:03
Operator : HP/JU
Sample : K3617-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/24/2019 11:35:00 AM

Quant Time: Jul 24 05:46:54 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	176156	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	682912	20.00	ng		-0.02
39) Acenaphthene-d10	9.91	164	380920	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	699560	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	475090	20.00	ng		-0.01
87) Perylene-d12	15.50	264	445941	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1173695	108.98	ng		0.01
7) Phenol-d6	6.51	99	1469061	107.50	ng		0.00
23) Nitrobenzene-d5	7.44	82	1097766	93.47	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	523558	117.75	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1943764	89.31	ng		-0.02
79) Terphenyl-d14	12.98	244	2238418	86.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	186096	34.642	ng	#	85
3) Pyridine	3.55	79	325893	22.360	ng		99
4) n-Nitrosodimethylamine	3.48	42	214993	40.662	ng		95
6) Aniline	6.54	93	159492	8.387	ng	#	88
8) 2-Chlorophenol	6.66	128	502201	40.560	ng		99
9) Benzaldehyde	6.42	77	187227	21.925	ng		100
10) Phenol	6.53	94	552022	34.799	ng		80
11) bis(2-Chloroethyl)ether	6.61	93	498776	41.298	ng		98
12) 1,3-Dichlorobenzene	6.82	146	525225	37.729	ng		98
13) 1,4-Dichlorobenzene	6.89	146	541862	39.012	ng		97
14) 1,2-Dichlorobenzene	7.05	146	496216	39.081	ng		98
15) Benzyl Alcohol	7.02	79	446521	41.191	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	667860	42.002	ng		98
17) 2-Methylphenol	7.13	107	440311	41.264	ng		97
18) Hexachloroethane	7.39	117	197822	38.371	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	363879	40.829	ng		95
20) 3+4-Methylphenols	7.28	107	501062	39.533	ng	#	84
22) Acetophenone	7.28	105	699864	45.363	ng	#	99
24) Nitrobenzene	7.46	77	572767	45.215	ng		99
25) Isophorone	7.69	82	1067458	45.421	ng		98
26) 2-Nitrophenol	7.77	139	289813	44.448	ng		98
27) 2,4-Dimethylphenol	7.81	122	475422	48.732	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	658532	45.676	ng		99
29) 2,4-Dichlorophenol	8.02	162	464473	45.779	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	492212	42.917	ng		98
31) Naphthalene	8.17	128	1490104	45.054	ng		97
32) Benzoic acid	7.92	122	172545	21.551	ng		98
33) 4-Chloroaniline	8.22	127	105283	7.187	ng		98
34) Hexachlorobutadiene	8.30	225	276048	41.973	ng		99
35) Caprolactam	8.60	113	114102m	36.393	ng		
36) 4-Chloro-3-methylphenol	8.71	107	489065	46.469	ng		100
37) 2-Methylnaphthalene	8.87	142	1025298	46.767	ng		97
38) 1-Methylnaphthalene	8.97	142	958815	46.044	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	462704	40.337	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	493578	75.431	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	329088	39.231	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	360088	41.916	ng		97
46) 1,1'-Biphenyl	9.33	154	1264964	42.477	ng		99
47) 2-Chloronaphthalene	9.36	162	998086	40.251	ng		99
48) 2-Nitroaniline	9.45	65	313970	40.909	ng		100
49) Acenaphthylene	9.77	152	1532735	41.716	ng		99
50) Dimethylphthalate	9.63	163	1325416	46.247	ng		99
51) 2,6-Dinitrotoluene	9.69	165	276981	42.527	ng		95
52) Acenaphthene	9.95	154	944359	39.811	ng		99
53) 3-Nitroaniline	9.86	138	116634	15.671	ng		99
54) 2,4-Dinitrophenol	9.97	184	253744	75.883	ng		97
55) Dibenzofuran	10.12	168	1385187	41.119	ng		99
56) 4-Nitrophenol	10.03	139	415550	73.218	ng		98
57) 2,4-Dinitrotoluene	10.10	165	380812	45.131	ng		97
58) Fluorene	10.46	166	1039363	43.159	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	304671	42.425	ng		98
60) Diethylphthalate	10.33	149	1199155	44.657	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	545491	40.845	ng		98
62) 4-Nitroaniline	10.48	138	285785	40.030	ng		96
63) Azobenzene	10.61	77	1184833	45.490	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	185523	43.407	ng		92
66) n-Nitrosodiphenylamine	10.57	169	984509	45.242	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	351002	43.906	ng		97
68) Hexachlorobenzene	11.02	284	385698	42.247	ng		96
69) Atrazine	11.10	200	323603	45.330	ng		99
70) Pentachlorophenol	11.20	266	418204	74.896	ng		99
71) Phenanthrene	11.42	178	1601472	44.661	ng		98
72) Anthracene	11.47	178	1646240	44.422	ng		99
73) Carbazole	11.63	167	1468150	45.177	ng		100
74) Di-n-butylphthalate	11.96	149	1886642	47.131	ng		99
75) Fluoranthene	12.61	202	1696776	44.778	ng		97
77) Benzidine	12.73	184	32500	1.931	ng	#	1
78) Pyrene	12.84	202	1676587	41.653	ng		99
80) Butylbenzylphthalate	13.45	149	810305	47.223	ng		99
81) Benzo(a)anthracene	14.03	228	1365971	43.643	ng		97
82) 3,3'-Dichlorobenzidine	13.98	252	125994	11.324	ng		96
83) Chrysene	14.06	228	1326436	42.216	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1092532	51.403	ng		99
85) Di-n-octyl phthalate	14.62	149	1704003	50.388	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1290598	48.348	ng		99
88) Benzo(b)fluoranthene	15.07	252	1243013	43.288	ng		100
89) Benzo(k)fluoranthene	15.11	252	1070282	41.806	ng		97
90) Benzo(a)pyrene	15.44	252	1088382	44.099	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1070803	49.421	ng		100
92) Benzo(g,h,i)perylene	17.43	276	1096879	50.761	ng		100

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

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