Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115604.D
Acq On : 16 Jul 2019 18:24
Operator : HP/JU
Sample : K3830-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1873MS

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:28 PM

Quant Time: Jul 17 05:19:11 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	6.89	152	175308	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	700221	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	350948	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	616452	20.00	ng		0.00
76) Chrysene-d12	14.04	240	384905	20.00	ng		0.00
87) Perylene-d12	15.52	264	507680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1380536	128.81	ng		0.01
7) Phenol-d6	6.52	99	1852173	136.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	1204255	100.00	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	505228	123.33	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1917318	95.62	ng		0.00
79) Terphenyl-d14	12.99	244	1907040	91.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	204948	38.336	ng		98
3) Pyridine	3.48	79	533219	36.762	ng		99
4) n-Nitrosodimethylamine	3.42	42	224611	42.686	ng		98
6) Aniline	6.55	93	446559	23.596	ng		98
8) 2-Chlorophenol	6.67	128	544168	44.162	ng		97
9) Benzaldehyde	6.43	77	281718	33.150	ng		98
10) Phenol	6.53	94	675723	42.803	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	541227	45.029	ng		100
12) 1,3-Dichlorobenzene	6.83	146	567281	40.947	ng		99
13) 1,4-Dichlorobenzene	6.90	146	579982	41.958	ng		96
14) 1,2-Dichlorobenzene	7.06	146	544400	43.083	ng		97
15) Benzyl Alcohol	7.02	79	493872	45.779	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	734320	46.405	ng		97
17) 2-Methylphenol	7.13	107	480071	45.208	ng		98
18) Hexachloroethane	7.40	117	213573	41.627	ng		93
19) n-Nitroso-di-n-propylamine	7.30	70	387977	43.744	ng		97
20) 3+4-Methylphenols	7.29	107	556282	44.102	ng		94
22) Acetophenone	7.29	105	745750	47.143	ng	#	96
24) Nitrobenzene	7.46	77	607433	46.766	ng		96
25) Isophorone	7.70	82	1119315	46.451	ng		100
26) 2-Nitrophenol	7.78	139	309323	46.268	ng		99
27) 2,4-Dimethylphenol	7.82	122	500948	50.079	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	677986	45.863	ng		98
29) 2,4-Dichlorophenol	8.02	162	484817	46.603	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	520678	44.277	ng		98
31) Naphthalene	8.19	128	1558118	45.946	ng		97
32) Benzoic acid	7.87	122	24452	2.979	ng		91
33) 4-Chloroaniline	8.23	127	223304	14.866	ng		98
34) Hexachlorobutadiene	8.31	225	290421	43.066	ng		99
35) Caprolactam	8.60	113	161460m	50.225	ng		
36) 4-Chloro-3-methylphenol	8.72	107	528895	49.011	ng		100
37) 2-Methylnaphthalene	8.88	142	1064779	47.367	ng		97
38) 1-Methylnaphthalene	8.98	142	988484	46.296	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	492154	46.569	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	292466	48.513	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	346510	44.835	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	363082	45.874	ng		97
46) 1,1'-Biphenyl	9.35	154	1231803	44.896	ng		99
47) 2-Chloronaphthalene	9.37	162	990689	43.365	ng		98
48) 2-Nitroaniline	9.46	65	318759	45.080	ng		96
49) Acenaphthylene	9.79	152	1617508	47.783	ng		99
50) Dimethylphthalate	9.65	163	1591062	60.258	ng		100
51) 2,6-Dinitrotoluene	9.70	165	288625	48.100	ng		99
52) Acenaphthene	9.96	154	965493	44.178	ng		98
53) 3-Nitroaniline	9.87	138	208786	30.448	ng		100
54) 2,4-Dinitrophenol	9.97	184	60020	19.482	ng		94
55) Dibenzofuran	10.13	168	1377461	44.382	ng		99
56) 4-Nitrophenol	10.03	139	459283	87.835	ng		98
57) 2,4-Dinitrotoluene	10.11	165	375721	48.330	ng	#	87
58) Fluorene	10.47	166	972826	43.846	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	299380	45.249	ng		99
60) Diethylphthalate	10.35	149	1117241	45.160	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	499810	40.621	ng		99
62) 4-Nitroaniline	10.49	138	268067	40.755	ng		100
63) Azobenzene	10.62	77	1075845	44.833	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	92687	24.609	ng		96
66) n-Nitrosodiphenylamine	10.58	169	952813	49.689	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	339671	48.217	ng		98
68) Hexachlorobenzene	11.02	284	365653	45.451	ng	#	91
69) Atrazine	11.10	200	320656	50.973	ng		98
70) Pentachlorophenol	11.22	266	359900	73.144	ng		99
71) Phenanthrene	11.43	178	1684323	53.303	ng		98
72) Anthracene	11.49	178	1496325	45.821	ng		100
73) Carbazole	11.63	167	1381096	48.228	ng		100
74) Di-n-butylphthalate	11.97	149	1677120	47.545	ng		99
75) Fluoranthene	12.62	202	1786054	53.488	ng		98
77) Benzidine	12.73	184	570245	41.821	ng		100
78) Pyrene	12.85	202	1755087	53.820	ng		98
80) Butylbenzylphthalate	13.46	149	604523	43.485	ng		99
81) Benzo(a)anthracene	14.03	228	1308516	51.602	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	339472	37.658	ng		97
83) Chrysene	14.07	228	1439722	56.558	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	813638	47.250	ng		98
85) Di-n-octyl phthalate	14.63	149	1471853	53.721	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1357597	62.774	ng		99
88) Benzo(b)fluoranthene	15.09	252	1685194	51.550	ng		99
89) Benzo(k)fluoranthene	15.12	252	1335829	45.833	ng		99
90) Benzo(a)pyrene	15.46	252	1381230	49.159	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	1069516	43.359	ng		99
92) Benzo(g,h,i)perylene	17.45	276	1102583	44.820	ng		99

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

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