Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115903.D
Acq On : 1 Aug 2019 13:12
Operator : HP/JU
Sample : K4021-13MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:56 PM

Quant Time: Aug 01 18:19:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135420	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	519584	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	276297	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	452856	20.00	ng		0.00
76) Chrysene-d12	14.03	240	284145	20.00	ng		0.00
87) Perylene-d12	15.50	264	339154	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1009774	124.83	ng		0.02
7) Phenol-d6	6.50	99	1343580	131.64	ng		0.01
23) Nitrobenzene-d5	7.42	82	862563	95.83	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	336923	125.77	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1412471	95.75	ng		0.00
79) Terphenyl-d14	12.97	244	1273632	94.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	140697	34.429	ng		98
3) Pyridine	3.43	79	389448	34.115	ng		99
4) n-Nitrosodimethylamine	3.36	42	175825	39.028	ng		100
6) Aniline	6.52	93	334530	22.887	ng	#	88
8) 2-Chlorophenol	6.65	128	377101	42.157	ng		99
9) Benzaldehyde	6.40	77	219758	31.206	ng		100
10) Phenol	6.51	94	498687	41.493	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	361195	40.876	ng		96
12) 1,3-Dichlorobenzene	6.80	146	400440	38.735	ng		99
13) 1,4-Dichlorobenzene	6.87	146	407639	39.382	ng		99
14) 1,2-Dichlorobenzene	7.03	146	377093	39.565	ng		100
15) Benzyl Alcohol	7.00	79	337019	43.512	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	475255	39.432	ng		95
17) 2-Methylphenol	7.11	107	323515	42.712	ng		99
18) Hexachloroethane	7.37	117	145850	38.271	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	259308	41.001	ng		99
20) 3+4-Methylphenols	7.26	107	386029	43.068	ng	#	83
22) Acetophenone	7.26	105	510565	44.805	ng		98
24) Nitrobenzene	7.43	77	418936	43.103	ng		99
25) Isophorone	7.67	82	754024	43.808	ng		100
26) 2-Nitrophenol	7.75	139	206011	44.966	ng		99
27) 2,4-Dimethylphenol	7.79	122	340204	49.356	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	459177	43.042	ng		99
29) 2,4-Dichlorophenol	8.00	162	330105	45.357	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	351329	42.349	ng		100
31) Naphthalene	8.16	128	1081416	44.229	ng		100
32) Benzoic acid	7.92	122	116820	24.039	ng		97
33) 4-Chloroaniline	8.20	127	150720	13.796	ng		99
34) Hexachlorobutadiene	8.27	225	195316	40.874	ng		100
35) Caprolactam	8.58	113	104633m	44.452	ng		
36) 4-Chloro-3-methylphenol	8.70	107	350702	46.320	ng		95
37) 2-Methylnaphthalene	8.85	142	737903	45.825	ng		100
38) 1-Methylnaphthalene	8.95	142	683956	44.897	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	328551	44.480	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	131536	42.652 ng	96
43) 2,4,6-Trichlorophenol	9.14	196	222834	43.828 ng	99
44) 2,4,5-Trichlorophenol	9.18	196	234893	44.694 ng	99
46) 1,1'-Biphenyl	9.32	154	888028	45.525 ng	100
47) 2-Chloronaphthalene	9.35	162	694111	42.754 ng	100
48) 2-Nitroaniline	9.44	65	228843	42.644 ng	93
49) Acenaphthylene	9.76	152	1072749	45.291 ng	100
50) Dimethylphthalate	9.62	163	1168625	62.119 ng	100
51) 2,6-Dinitrotoluene	9.68	165	184723	45.183 ng	89
52) Acenaphthene	9.93	154	641377	44.139 ng	99
53) 3-Nitroaniline	9.85	138	115518	22.867 ng	94
54) 2,4-Dinitrophenol	9.96	184	66285	36.577 ng	98
55) Dibenzofuran	10.10	168	956900	45.283 ng	98
56) 4-Nitrophenol	10.02	139	294885	91.124 ng	96
57) 2,4-Dinitrotoluene	10.09	165	241865	44.434 ng	98
58) Fluorene	10.45	166	733161	45.095 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	190955	43.187 ng	99
60) Diethylphthalate	10.32	149	786689	44.790 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	371917	45.169 ng	99
62) 4-Nitroaniline	10.47	138	181779	34.820 ng	99
63) Azobenzene	10.60	77	808998	44.781 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60082	25.036 ng	98
66) n-Nitrosodiphenylamine	10.56	169	661406	48.524 ng	100
67) 4-Bromophenyl-phenylether	10.93	248	222959	45.992 ng	93
68) Hexachlorobenzene	11.00	284	244398	43.598 ng	95
69) Atrazine	11.08	200	208120	46.412 ng	99
70) Pentachlorophenol	11.20	266	212359	78.028 ng	99
71) Phenanthrene	11.41	178	1070660	46.247 ng	100
72) Anthracene	11.46	178	1075368	45.897 ng	99
73) Carbazole	11.62	167	949048	44.647 ng	99
74) Di-n-butylphthalate	11.94	149	1183723	47.737 ng	100
75) Fluoranthene	12.60	202	1016996	41.961 ng	98
77) Benzidine	12.72	184	424707	44.242 ng	96
78) Pyrene	12.83	202	1012328	47.263 ng	100
80) Butylbenzylphthalate	13.44	149	421000	46.466 ng	99
81) Benzo(a)anthracene	14.02	228	819318	45.113 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	266236	42.195 ng	99
83) Chrysene	14.06	228	798206	45.270 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	570504	48.455 ng	99
85) Di-n-octyl phthalate	14.61	149	936735	50.089 ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	827117	55.852 ng	99
88) Benzo(b)fluoranthene	15.07	252	851620	43.427 ng	98
89) Benzo(k)fluoranthene	15.10	252	830374	43.474 ng	100
90) Benzo(a)pyrene	15.44	252	823850	46.996 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	694933	45.797 ng	98
92) Benzo(g,h,i)perylene	17.43	276	650429	43.646 ng	99

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

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