Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118287.D
Acq On : 19 Dec 2019 18:57
Operator : JU
Sample : K6317-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
178K-WC1MSD

Manual Integrations APPROVED
Sohil
12/20/2019 4:26:22 PM

Quant Time: Dec 20 04:14:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103530	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	401835	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	213341	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	410200	20.00	ng		0.00
76) Chrysene-d12	14.06	240	293109	20.00	ng		-0.01
87) Perylene-d12	15.54	264	262604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	804204	136.05	ng		0.01
7) Phenol-d6	6.50	99	956174	133.74	ng		0.00
23) Nitrobenzene-d5	7.43	82	656320	91.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	398204	153.65	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1372092	97.86	ng		-0.01
79) Terphenyl-d14	12.99	244	1789067	104.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	92704	37.195	ng	#	84
3) Pyridine	3.47	79	162522	25.274	ng		98
4) n-Nitrosodimethylamine	3.40	42	123502	44.645	ng		99
6) Aniline	6.53	93	81205	8.879	ng	#	81
8) 2-Chlorophenol	6.65	128	325760	48.875	ng		98
9) Benzaldehyde	6.41	77	175280	51.211	ng		94
10) Phenol	6.51	94	329851	40.455	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	285441	48.404	ng		97
12) 1,3-Dichlorobenzene	6.80	146	346818	44.543	ng		96
13) 1,4-Dichlorobenzene	6.88	146	350491	44.704	ng		98
14) 1,2-Dichlorobenzene	7.03	146	338661	45.996	ng		99
15) Benzyl Alcohol	7.00	79	271411	48.631	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	317780	44.818	ng		90
17) 2-Methylphenol	7.12	107	260273	49.097	ng		97
18) Hexachloroethane	7.37	117	127842	44.252	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	212695	48.957	ng		99
20) 3+4-Methylphenols	7.27	107	328035	49.264	ng		94
22) Acetophenone	7.27	105	447395	46.343	ng		97
24) Nitrobenzene	7.45	77	327088	46.609	ng		100
25) Isophorone	7.69	82	593047	48.978	ng		99
26) 2-Nitrophenol	7.76	139	183821	49.008	ng		96
27) 2,4-Dimethylphenol	7.80	122	278169	55.598	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	364234	46.035	ng		99
29) 2,4-Dichlorophenol	8.01	162	285002	48.863	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	306631	44.985	ng		99
31) Naphthalene	8.17	128	976361	48.380	ng		100
32) Benzoic acid	7.93	122	165815	36.705	ng		98
33) 4-Chloroaniline	8.22	127	50746	5.824	ng		98
34) Hexachlorobutadiene	8.28	225	178572	43.688	ng		98
35) Caprolactam	8.59	113	75454m	41.949	ng		
36) 4-Chloro-3-methylphenol	8.71	107	303981	49.524	ng		97
37) 2-Methylnaphthalene	8.86	142	683420	50.021	ng		99
38) 1-Methylnaphthalene	8.96	142	636801	49.640	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	297471	46.028	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	280692	96.935 ng		99
43) 2,4,6-Trichlorophenol	9.15	196	207908	48.181 ng		98
44) 2,4,5-Trichlorophenol	9.19	196	224847	50.294 ng		98
46) 1,1'-Biphenyl	9.33	154	812100	48.265 ng		99
47) 2-Chloronaphthalene	9.35	162	633293	46.789 ng		96
48) 2-Nitroaniline	9.45	65	178825	46.330 ng		98
49) Acenaphthylene	9.77	152	1022410	51.215 ng		100
50) Dimethylphthalate	9.63	163	767780	48.722 ng		99
51) 2,6-Dinitrotoluene	9.70	165	175766	51.295 ng		89
52) Acenaphthene	9.95	154	586985	48.173 ng		99
53) 3-Nitroaniline	9.87	138	41992	10.413 ng		94
54) 2,4-Dinitrophenol	9.98	184	159931	93.815 ng		97
55) Dibenzofuran	10.12	168	901950	50.518 ng		99
56) 4-Nitrophenol	10.04	139	253717	90.661 ng		99
57) 2,4-Dinitrotoluene	10.10	165	234909	51.363 ng		94
58) Fluorene	10.46	166	724225	51.043 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	188684	51.157 ng		100
60) Diethylphthalate	10.33	149	775033	49.919 ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	350576	49.107 ng		99
62) 4-Nitroaniline	10.49	138	170890	40.633 ng		97
63) Azobenzene	10.61	77	668996	50.475 ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	116918	51.612 ng		93
66) n-Nitrosodiphenylamine	10.57	169	645226	50.370 ng		100
67) 4-Bromophenyl-phenylether	10.94	248	225215	48.097 ng		98
68) Hexachlorobenzene	11.02	284	260918	47.341 ng	#	90
69) Atrazine	11.10	200	221143	Below Cal		97
70) Pentachlorophenol	11.21	266	259431	100.094 ng		97
71) Phenanthrene	11.43	178	1090412	50.006 ng		100
72) Anthracene	11.48	178	1138568	52.341 ng		99
73) Carbazole	11.64	167	991521	50.803 ng		99
74) Di-n-butylphthalate	11.96	149	1247675	51.080 ng		99
75) Fluoranthene	12.62	202	1143056	51.271 ng		98
77) Benzidine	12.74	184	183653	23.801 ng		95
78) Pyrene	12.85	202	1167913	50.563 ng		98
80) Butylbenzylphthalate	13.46	149	528307	50.503 ng		98
81) Benzo(a)anthracene	14.04	228	1005460	49.609 ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	120841	18.154 ng		100
83) Chrysene	14.09	228	964159	49.801 ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	743854	53.927 ng		100
85) Di-n-octyl phthalate	14.64	149	1152671	55.165 ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	918246	56.370 ng		99
88) Benzo(b)fluoranthene	15.11	252	840104	48.371 ng		99
89) Benzo(k)fluoranthene	15.14	252	846768m	50.751 ng		
90) Benzo(a)pyrene	15.49	252	751430	48.988 ng		99
91) Dibenzo(a,h)anthracene	17.07	278	771172	58.616 ng		99
92) Benzo(g,h,i)perylene	17.52	276	790714	62.544 ng		98

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

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