Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118103.D
Acq On : 4 Dec 2019 23:06
Operator : JU
Sample : K5675-11MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-112619MS

Manual Integrations APPROVED
mohammad
12/5/2019 10:50:48 AM

Quant Time: Dec 05 03:07:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179270	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	702340	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	375691	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	722836	20.00	ng	0.00
76) Chrysene-d12	14.07	240	414913	20.00	ng	0.00
87) Perylene-d12	15.57	264	456472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1049401	103.62	ng	0.02
7) Phenol-d6	6.52	99	1322156	108.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	791314	66.98	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	466392	117.26	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1631535	77.91	ng	0.00
79) Terphenyl-d14	13.02	244	2046258	90.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	135436	28.609	ng	# 83
3) Pyridine	3.53	79	206383	16.619	ng	99
4) n-Nitrosodimethylamine	3.46	42	141985	26.193	ng	92
6) Aniline	6.54	93	297615	18.437	ng	100
8) 2-Chlorophenol	6.67	128	421375	38.344	ng	96
9) Benzaldehyde	6.43	77	93696	7.952	ng	96
10) Phenol	6.53	94	484314	38.154	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	355625	34.887	ng	99
12) 1,3-Dichlorobenzene	6.82	146	420220	32.480	ng	96
13) 1,4-Dichlorobenzene	6.90	146	431239	32.976	ng	97
14) 1,2-Dichlorobenzene	7.05	146	404883	32.372	ng	99
15) Benzyl Alcohol	7.02	79	330591	35.054	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	430004	27.399	ng	98
17) 2-Methylphenol	7.13	107	341013	36.643	ng	99
18) Hexachloroethane	7.39	117	152313	31.705	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	255539	33.909	ng	95
20) 3+4-Methylphenols	7.29	107	419553	36.318	ng	90
22) Acetophenone	7.29	105	552650	35.023	ng	# 93
24) Nitrobenzene	7.46	77	364982	29.945	ng	94
25) Isophorone	7.70	82	718278	33.170	ng	99
26) 2-Nitrophenol	7.78	139	236788	39.914	ng	95
27) 2,4-Dimethylphenol	7.82	122	325277	35.285	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	461156	33.559	ng	99
29) 2,4-Dichlorophenol	8.02	162	355217	35.524	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	379044	32.680	ng	99
31) Naphthalene	8.19	128	1194903	36.494	ng	99
32) Benzoic acid	7.94	122	225917	29.269	ng	99
33) 4-Chloroaniline	8.23	127	217511	14.839	ng	97
34) Hexachlorobutadiene	8.30	225	178119	26.266	ng	96
35) Caprolactam	8.60	113	89809m	28.260	ng	
36) 4-Chloro-3-methylphenol	8.72	107	319684	31.502	ng	97
37) 2-Methylnaphthalene	8.88	142	704101	31.827	ng	99
38) 1-Methylnaphthalene	8.98	142	663491	31.723	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	320331	29.360	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	294154	48.110	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	230884	29.545	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	256058	31.558	ng		98
46) 1,1'-Biphenyl	9.35	154	1024475	36.755	ng		99
47) 2-Chloronaphthalene	9.37	162	788136	34.372	ng		97
48) 2-Nitroaniline	9.47	65	225640	32.595	ng		98
49) Acenaphthylene	9.79	152	1257457	37.614	ng		99
50) Dimethylphthalate	9.65	163	936962	35.565	ng		99
51) 2,6-Dinitrotoluene	9.71	165	215752	37.471	ng		94
52) Acenaphthene	9.96	154	737439	34.435	ng		99
53) 3-Nitroaniline	9.88	138	189322	27.479	ng		99
54) 2,4-Dinitrophenol	9.99	184	177971	61.949	ng		99
55) Dibenzofuran	10.13	168	1119858	37.763	ng		99
56) 4-Nitrophenol	10.05	139	335183	65.177	ng		95
57) 2,4-Dinitrotoluene	10.12	165	290833	39.708	ng	#	87
58) Fluorene	10.48	166	876096	38.124	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237775	35.666	ng		97
60) Diethylphthalate	10.35	149	912625	35.532	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	420200	36.031	ng		95
62) 4-Nitroaniline	10.50	138	247348	35.856	ng		96
63) Azobenzene	10.63	77	806062	34.496	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	131186	38.876	ng		97
66) n-Nitrosodiphenylamine	10.59	169	779433	37.051	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	270529	34.686	ng		96
68) Hexachlorobenzene	11.03	284	312553	34.368	ng		96
69) Atrazine	11.12	200	183927	26.579	ng		100
70) Pentachlorophenol	11.23	266	319776	60.185	ng		100
71) Phenanthrene	11.45	178	1329683	36.588	ng		99
72) Anthracene	11.50	178	1355837	37.629	ng		100
73) Carbazole	11.66	167	1083458	34.410	ng		99
74) Di-n-butylphthalate	11.98	149	1405108	35.841	ng		100
75) Fluoranthene	12.64	202	1444637	43.382	ng		99
77) Benzidine	12.76	184	26599	1.957	ng		96
78) Pyrene	12.87	202	1431383	42.688	ng		99
80) Butylbenzylphthalate	13.49	149	513159	35.632	ng		99
81) Benzo(a)anthracene	14.06	228	963198	35.130	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	316200	32.970	ng		99
83) Chrysene	14.10	228	925305	34.828	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	701771	40.193	ng		100
85) Di-n-octyl phthalate	14.66	149	1298605	50.627	ng		100
86) Indeno(1,2,3-cd)pyrene	17.09	276	1033345	45.699	ng		98
88) Benzo(b)fluoranthene	15.13	252	1050834	35.433	ng		99
89) Benzo(k)fluoranthene	15.16	252	963573	34.483	ng		98
90) Benzo(a)pyrene	15.51	252	941248	36.093	ng		99
91) Dibenzo(a,h)anthracene	17.10	278	925291	41.222	ng		99
92) Benzo(g,h,i)perylene	17.55	276	961058	42.986	ng		99

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

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