Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117954.D
Acq On : 23 Nov 2019 14:13
Operator : JU
Sample : PB125043BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125043BS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:07 PM

Quant Time: Nov 25 08:09:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	153666	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	600642	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	338313	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	654075	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	488310	20.00	ng		-0.01
87) Perylene-d12	15.60	264	385415	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	876924	101.01	ng		-0.02
7) Phenol-d6	6.53	99	761543	72.73	ng		-0.02
23) Nitrobenzene-d5	7.47	82	916875	90.74	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	484771	135.35	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1750556	92.83	ng		-0.02
79) Terphenyl-d14	13.04	244	2213378	82.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	99176	24.440	ng		98
3) Pyridine	3.47	79	188527	17.711	ng		98
4) n-Nitrosodimethylamine	3.40	42	125566	27.023	ng		99
6) Aniline	6.56	93	85333	6.167	ng		100
8) 2-Chlorophenol	6.69	128	457752	48.594	ng		95
9) Benzaldehyde	6.45	77	117359	13.347	ng		93
10) Phenol	6.54	94	293110	26.938	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	409468	46.862	ng		99
12) 1,3-Dichlorobenzene	6.85	146	479418	43.230	ng		99
13) 1,4-Dichlorobenzene	6.92	146	507047	45.233	ng		99
14) 1,2-Dichlorobenzene	7.07	146	489494	45.658	ng		100
15) Benzyl Alcohol	7.04	79	321782	39.805	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	581478	43.224	ng		98
17) 2-Methylphenol	7.16	107	376730	47.226	ng		97
18) Hexachloroethane	7.42	117	166106	40.337	ng		95
19) n-Nitroso-di-n-propylamine	7.32	70	310740	48.104	ng		97
20) 3+4-Methylphenols	7.30	107	430190	43.443	ng	#	84
22) Acetophenone	7.32	105	646287	47.892	ng	#	96
24) Nitrobenzene	7.49	77	466284	44.733	ng		97
25) Isophorone	7.73	82	858851	46.376	ng		98
26) 2-Nitrophenol	7.80	139	236738	46.662	ng		95
27) 2,4-Dimethylphenol	7.84	122	368930	46.797	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	465037	39.572	ng		99
29) 2,4-Dichlorophenol	8.05	162	385718	45.106	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	443325	44.694	ng		99
31) Naphthalene	8.22	128	1334287	47.651	ng		100
32) Benzoic acid	7.93	122	152995	23.178	ng		99
33) 4-Chloroaniline	8.26	127	40247	3.211	ng		98
34) Hexachlorobutadiene	8.33	225	241970	41.723	ng		99
35) Caprolactam	8.63	113	42050m	15.472	ng		
36) 4-Chloro-3-methylphenol	8.74	107	384366	44.289	ng		96
37) 2-Methylnaphthalene	8.91	142	838614	44.325	ng		99
38) 1-Methylnaphthalene	9.01	142	815123	45.572	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	403835	41.103	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	476938	86.623	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	309658	44.003	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	334760	45.816	ng		99
46) 1,1'-Biphenyl	9.37	154	1137669	45.326	ng		98
47) 2-Chloronaphthalene	9.40	162	909701	44.057	ng		98
48) 2-Nitroaniline	9.49	65	267610	42.929	ng		97
49) Acenaphthylene	9.82	152	1478015	49.097	ng		99
50) Dimethylphthalate	9.67	163	1201197	50.632	ng		99
51) 2,6-Dinitrotoluene	9.74	165	262551	50.637	ng	#	82
52) Acenaphthene	9.99	154	919648	47.688	ng		99
53) 3-Nitroaniline	9.90	138	50266	8.102	ng		95
54) 2,4-Dinitrophenol	10.02	184	302491	110.514	ng		94
55) Dibenzofuran	10.16	168	1310017	49.056	ng		99
56) 4-Nitrophenol	10.06	139	288323	62.259	ng		94
57) 2,4-Dinitrotoluene	10.15	165	356818	54.100	ng		89
58) Fluorene	10.51	166	981647	47.436	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	296490	49.387	ng		99
60) Diethylphthalate	10.37	149	1098677	47.501	ng		99
61) 4-Chlorophenyl-phenylether	10.50	204	497336	47.356	ng		99
62) 4-Nitroaniline	10.52	138	166637	26.825	ng		94
63) Azobenzene	10.66	77	966387	45.926	ng		97
65) 4,6-Dinitro-2-methylphenol	10.55	198	197273	64.606	ng		86
66) n-Nitrosodiphenylamine	10.62	169	642537	33.755	ng		99
67) 4-Bromophenyl-phenylether	10.99	248	307485	43.569	ng		97
68) Hexachlorobenzene	11.06	284	359610	43.699	ng		100
69) Atrazine	11.15	200	218776	34.938	ng		99
70) Pentachlorophenol	11.25	266	426541	88.719	ng		99
71) Phenanthrene	11.47	178	1566350	47.632	ng		99
72) Anthracene	11.53	178	1604151	49.200	ng		100
73) Carbazole	11.68	167	1123949	39.448	ng		99
74) Di-n-butylphthalate	12.01	149	1651887	46.566	ng		99
75) Fluoranthene	12.67	202	1580504	54.341	ng		99
77) Benzidine	12.79	184	1069	0.067	ng	#	45
78) Pyrene	12.90	202	1604258	40.652	ng		100
80) Butylbenzylphthalate	13.51	149	750003	44.250	ng		92
81) Benzo(a)anthracene	14.09	228	1492100	46.241	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	8532	0.756	ng		92
83) Chrysene	14.13	228	1466091	46.888	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	970425	47.226	ng		99
85) Di-n-octyl phthalate	14.69	149	1760204	58.308	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1462456	54.955	ng		99
88) Benzo(b)fluoranthene	15.16	252	1274685	50.905	ng		99
89) Benzo(k)fluoranthene	15.19	252	1225094	51.924	ng		99
90) Benzo(a)pyrene	15.54	252	1089869	49.496	ng		100
91) Dibenzo(a,h)anthracene	17.16	278	1253231	66.125	ng		98
92) Benzo(g,h,i)perylene	17.60	276	1019031	53.983	ng		100

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

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