Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119937.D
Acq On : 14 Apr 2020 6:11
Operator : MA/SJ
Sample : PB128142BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128142BS

Manual Integrations APPROVED
mohammad
4/14/2020 3:38:14 PM

Quant Time: Apr 14 07:09:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	221020	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	868946	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	467036	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	905011	20.00	ng		0.00
76) Chrysene-d12	13.91	240	649681	20.00	ng		0.00
87) Perylene-d12	15.33	264	623194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1425244	111.44	ng		0.01
7) Phenol-d6	6.37	99	1858333	112.77	ng		0.00
23) Nitrobenzene-d5	7.30	82	1161031	69.12	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	604792	105.77	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2324574	70.67	ng		0.00
79) Terphenyl-d14	12.86	244	2784231	72.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	156587	27.489	ng		97
3) Pyridine	3.16	79	456480	29.208	ng		98
4) n-Nitrosodimethylamine	3.11	42	265915	33.301	ng		93
6) Aniline	6.40	93	550794	25.465	ng		97
8) 2-Chlorophenol	6.52	128	578882	40.511	ng		98
9) Benzaldehyde	6.28	77	182291	14.847	ng		98
10) Phenol	6.39	94	733671	39.243	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	526548	36.476	ng		99
12) 1,3-Dichlorobenzene	6.67	146	554405	35.438	ng		98
13) 1,4-Dichlorobenzene	6.75	146	559962	35.138	ng		99
14) 1,2-Dichlorobenzene	6.91	146	523843	35.668	ng		97
15) Benzyl Alcohol	6.89	79	466213	36.424	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	928660	33.060	ng		99
17) 2-Methylphenol	7.00	107	469717	36.834	ng		97
18) Hexachloroethane	7.25	117	207317	34.810	ng		91
19) n-Nitroso-di-n-propylamine	7.16	70	395187	37.292	ng		96
20) 3+4-Methylphenols	7.15	107	591280	37.911	ng		99
22) Acetophenone	7.15	105	751029	36.909	ng	#	97
24) Nitrobenzene	7.32	77	600169	35.520	ng		99
25) Isophorone	7.56	82	1132566	34.979	ng		98
26) 2-Nitrophenol	7.64	139	314948	37.309	ng		96
27) 2,4-Dimethylphenol	7.68	122	506245	39.763	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	708502	37.186	ng		100
29) 2,4-Dichlorophenol	7.88	162	499630	38.285	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	512904	34.687	ng		99
31) Naphthalene	8.05	128	1639994	35.872	ng		99
32) Benzoic acid	7.82	122	402830	36.027	ng		93
33) 4-Chloroaniline	8.09	127	286997	14.420	ng		98
34) Hexachlorobutadiene	8.16	225	287516	32.482	ng		99
35) Caprolactam	8.47	113	163264m	40.898	ng		
36) 4-Chloro-3-methylphenol	8.59	107	559472	39.598	ng		94
37) 2-Methylnaphthalene	8.74	142	1140076	36.782	ng		99
38) 1-Methylnaphthalene	8.84	142	1079563	36.953	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	495782	33.610	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	563521	67.182	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	378226	37.131	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	414325	36.114	ng		98
46) 1,1'-Biphenyl	9.20	154	1393405	35.347	ng		99
47) 2-Chloronaphthalene	9.23	162	1087325	35.806	ng		98
48) 2-Nitroaniline	9.33	65	412905	37.521	ng		93
49) Acenaphthylene	9.65	152	1740163	37.680	ng		99
50) Dimethylphthalate	9.51	163	1337242	37.018	ng		100
51) 2,6-Dinitrotoluene	9.57	165	303672	38.388	ng		94
52) Acenaphthene	9.82	154	1059834	34.402	ng		99
53) 3-Nitroaniline	9.73	138	178237	19.728	ng		97
54) 2,4-Dinitrophenol	9.85	184	263665	55.671	ng		93
55) Dibenzofuran	9.99	168	1569875	37.135	ng		98
56) 4-Nitrophenol	9.91	139	500320	74.427	ng		96
57) 2,4-Dinitrotoluene	9.97	165	401942	38.565	ng		95
58) Fluorene	10.33	166	1223846	36.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	351984	40.114	ng		97
60) Diethylphthalate	10.21	149	1384821	36.987	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	585605	33.794	ng		96
62) 4-Nitroaniline	10.36	138	324935	37.738	ng		99
63) Azobenzene	10.49	77	1293118	38.539	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	203807	34.183	ng		98
66) n-Nitrosodiphenylamine	10.45	169	1156431	38.422	ng		98
67) 4-Bromophenyl-phenylether	10.82	248	395390	35.131	ng		93
68) Hexachlorobenzene	10.88	284	431516	37.794	ng		93
69) Atrazine	10.97	200	353636	42.229	ng		99
70) Pentachlorophenol	11.07	266	464379	70.578	ng		99
71) Phenanthrene	11.29	178	1827432	37.941	ng		99
72) Anthracene	11.35	178	1883740	38.284	ng		100
73) Carbazole	11.50	167	1750556	37.621	ng		99
74) Di-n-butylphthalate	11.83	149	2193127	35.853	ng		99
75) Fluoranthene	12.48	202	2014898	38.770	ng		98
77) Benzidine	12.60	184	716607	32.631	ng		96
78) Pyrene	12.71	202	2028588	37.039	ng		99
80) Butylbenzylphthalate	13.33	149	939625	35.356	ng		99
81) Benzo(a)anthracene	13.90	228	1597526	37.378	ng		100
82) 3,3'-Dichlorobenzidine	13.86	252	348806	21.872	ng	#	95
83) Chrysene	13.94	228	1658756	38.196	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1210583	33.637	ng		100
85) Di-n-octyl phthalate	14.50	149	2224343	36.299	ng		98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1492649	38.992	ng		98
88) Benzo(b)fluoranthene	14.93	252	1703226	37.992	ng		99
89) Benzo(k)fluoranthene	14.96	252	1513600	39.130	ng		99
90) Benzo(a)pyrene	15.27	252	1444328	38.317	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	1230801	36.863	ng		98
92) Benzo(g,h,i)perylene	17.14	276	1213587	36.822	ng		97

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

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