Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120928.D
Acq On : 20 Jul 2020 10:27
Operator : JU/CG
Sample : PB130275BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130275BS

Manual Integrations APPROVED
mohammad
7/21/2020 11:32:28 AM

Quant Time: Jul 20 11:40:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	190869	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	735909	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	377051	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	709695	20.00	ng		0.00
76) Chrysene-d12	13.98	240	534909	20.00	ng		0.00
86) Perylene-d12	15.43	264	542605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1124862	96.61	ng		0.02
7) Phenol-d6	6.45	99	1366042	90.83	ng		0.00
23) Nitrobenzene-d5	7.38	82	856596	67.35	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	398164	96.47	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1564402	61.95	ng		0.00
79) Terphenyl-d14	12.93	244	1504831	61.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	183772	34.296	ng		97
3) Pyridine	3.36	79	525153	36.841	ng		99
4) n-Nitrosodimethylamine	3.31	42	235491	38.635	ng		96
6) Aniline	6.48	93	499399	25.438	ng		99
8) 2-Chlorophenol	6.60	128	517470	40.345	ng		97
9) Benzaldehyde	6.36	77	135644	15.213	ng		97
10) Phenol	6.46	94	618735	37.399	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	489289	38.590	ng		99
12) 1,3-Dichlorobenzene	6.76	146	525705	37.798	ng		100
13) 1,4-Dichlorobenzene	6.83	146	528656	38.226	ng		100
14) 1,2-Dichlorobenzene	6.99	146	509396	38.934	ng		99
15) Benzyl Alcohol	6.96	79	402312	37.826	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	690660	37.792	ng		100
17) 2-Methylphenol	7.07	107	404060	35.543	ng		99
18) Hexachloroethane	7.33	117	196978	39.352	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	319930	37.410	ng		97
20) 3+4-Methylphenols	7.23	107	455886	31.524	ng	#	88
22) Acetophenone	7.23	105	618188	37.430	ng		94
24) Nitrobenzene	7.40	77	514277	37.518	ng		98
25) Isophorone	7.64	82	934618	36.821	ng		98
26) 2-Nitrophenol	7.72	139	265023	40.709	ng		98
27) 2,4-Dimethylphenol	7.76	122	425808	40.285	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	603747	38.967	ng		99
29) 2,4-Dichlorophenol	7.96	162	417777	38.680	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	458571	38.267	ng		99
31) Naphthalene	8.12	128	1403484	37.180	ng		99
32) Benzoic acid	7.88	122	311225	39.224	ng		98
33) 4-Chloroaniline	8.17	127	266832	15.846	ng		99
34) Hexachlorobutadiene	8.24	225	261460	37.012	ng		98
35) Caprolactam	8.55	113	128804m	37.187	ng		
36) 4-Chloro-3-methylphenol	8.66	107	434555	39.229	ng		97
37) 2-Methylnaphthalene	8.82	142	947916	38.674	ng		100
38) 1-Methylnaphthalene	8.92	142	896199	38.606	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	409777	37.301	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	489240	80.579	ng		96
43) 2,4,6-Trichlorophenol	9.09	196	309517	40.016	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	323324	36.851	ng		98
46) 1,1'-Biphenyl	9.28	154	1115502	38.785	ng		99
47) 2-Chloronaphthalene	9.30	162	883323	37.669	ng		98
48) 2-Nitroaniline	9.40	65	269639	38.050	ng		95
49) Acenaphthylene	9.72	152	1378368	37.837	ng		100
50) Dimethylphthalate	9.58	163	1027394	37.769	ng		99
51) 2,6-Dinitrotoluene	9.64	165	233071	39.882	ng		94
52) Acenaphthene	9.89	154	947002m	40.889	ng		
53) 3-Nitroaniline	9.80	138	140776	19.207	ng		97
54) 2,4-Dinitrophenol	9.92	184	230865	69.602	ng	#	87
55) Dibenzofuran	10.06	168	1238038	36.965	ng		99
56) 4-Nitrophenol	9.97	139	409147	73.486	ng		96
57) 2,4-Dinitrotoluene	10.05	165	311309	40.564	ng		99
58) Fluorene	10.40	166	902634	36.135	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	277876	41.596	ng		98
60) Diethylphthalate	10.28	149	1030148	37.441	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	443077	33.256	ng		95
62) 4-Nitroaniline	10.42	138	242640	33.985	ng		99
63) Azobenzene	10.56	77	983860	37.561	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	159988	39.675	ng		96
66) n-Nitrosodiphenylamine	10.52	169	871644	39.042	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	297707	37.625	ng		94
68) Hexachlorobenzene	10.95	284	337597	39.442	ng		93
69) Atrazine	11.05	200	254613	46.050	ng		99
70) Pentachlorophenol	11.15	266	384129	78.338	ng		98
71) Phenanthrene	11.36	178	1368924	37.505	ng		100
72) Anthracene	11.42	178	1424030	38.854	ng		99
73) Carbazole	11.57	167	1335759	36.724	ng		99
74) Di-n-butylphthalate	11.90	149	1613915	38.450	ng		100
75) Fluoranthene	12.55	202	1527135	37.747	ng		99
77) Benzidine	12.67	184	494223	35.142	ng		99
78) Pyrene	12.78	202	1553108	41.068	ng		99
80) Butylbenzylphthalate	13.40	149	682327	40.473	ng		95
81) Benzo(a)anthracene	13.97	228	1226024	37.850	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	337637	27.629	ng		98
83) Chrysene	14.00	228	1316071	38.663	ng		100
84) Bis(2-ethylhexyl)phthalate	13.96	149	821585	39.520	ng	#	100
85) Di-n-octyl phthalate	14.57	149	1596988	38.612	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1363244	36.126	ng		99
88) Benzo(b)fluoranthene	15.01	252	1340003	40.856	ng		99
89) Benzo(k)fluoranthene	15.04	252	1268383	42.404	ng		99
90) Benzo(a)pyrene	15.37	252	1194764	39.926	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1132315	36.734	ng		99
92) Benzo(g,h,i)perylene	17.29	276	1092627	35.950	ng		99

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

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