Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119768.D
Acq On : 6 Apr 2020 13:38
Operator : MA/SJ
Sample : PB128003BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128003BS

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:18 AM

Quant Time: Apr 06 14:10:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151935	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	626252	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	314308	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	604576	20.00	ng		0.00
76) Chrysene-d12	13.96	240	447506	20.00	ng		0.00
87) Perylene-d12	15.40	264	459086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1172580	122.86	ng		0.01
7) Phenol-d6	6.42	99	1428707	117.18	ng		0.00
23) Nitrobenzene-d5	7.35	82	914520	79.36	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	431729	133.14	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1757744	82.85	ng		0.00
79) Terphenyl-d14	12.90	244	1984876	86.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	151224	32.081	ng		99
3) Pyridine	3.27	79	427133	32.891	ng		93
4) n-Nitrosodimethylamine	3.22	42	237027	37.428	ng		97
6) Aniline	6.44	93	458523	27.249	ng		99
8) 2-Chlorophenol	6.56	128	454590	45.350	ng		99
9) Benzaldehyde	6.33	77	229158	29.629	ng		98
10) Phenol	6.43	94	573464	44.081	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	423964	40.748	ng		98
12) 1,3-Dichlorobenzene	6.72	146	453129	41.766	ng		96
13) 1,4-Dichlorobenzene	6.80	146	461312	42.510	ng		98
14) 1,2-Dichlorobenzene	6.95	146	439191	43.299	ng		98
15) Benzyl Alcohol	6.93	79	380471	41.486	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	756981	36.069	ng		99
17) 2-Methylphenol	7.04	107	358188	39.000	ng		99
18) Hexachloroethane	7.30	117	181231	45.571	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	295897	40.265	ng		100
20) 3+4-Methylphenols	7.19	107	446205	39.642	ng	#	78
22) Acetophenone	7.19	105	577902	38.619	ng	#	89
24) Nitrobenzene	7.37	77	484360	39.332	ng		96
25) Isophorone	7.60	82	877522	37.541	ng		98
26) 2-Nitrophenol	7.68	139	253997	52.384	ng		95
27) 2,4-Dimethylphenol	7.72	122	400104	39.907	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	553660	40.056	ng		99
29) 2,4-Dichlorophenol	7.93	162	386082	41.910	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	421614	41.384	ng		98
31) Naphthalene	8.09	128	1351808	41.946	ng		98
32) Benzoic acid	7.84	122	310150	48.091	ng		100
33) 4-Chloroaniline	8.14	127	275769	18.674	ng		97
34) Hexachlorobutadiene	8.21	225	238370	41.818	ng		98
35) Caprolactam	8.50	113	118932m	39.448	ng		
36) 4-Chloro-3-methylphenol	8.62	107	415391	41.256	ng		98
37) 2-Methylnaphthalene	8.79	142	887012	41.938	ng		98
38) 1-Methylnaphthalene	8.88	142	851367	42.527	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	393294	42.691	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	483400	92.296	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	288307	43.731	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	300744	40.721	ng		93
46) 1,1'-Biphenyl	9.25	154	1064550	41.586	ng		98
47) 2-Chloronaphthalene	9.27	162	837139	41.749	ng		98
48) 2-Nitroaniline	9.37	65	291155	42.068	ng		96
49) Acenaphthylene	9.69	152	1314358	41.741	ng		99
50) Dimethylphthalate	9.55	163	946233	42.384	ng		99
51) 2,6-Dinitrotoluene	9.61	165	215454	45.024	ng		94
52) Acenaphthene	9.86	154	816270	41.582	ng		98
53) 3-Nitroaniline	9.78	138	155112	25.675	ng		88
54) 2,4-Dinitrophenol	9.89	184	257041	120.124	ng		94
55) Dibenzofuran	10.03	168	1195965	42.493	ng		99
56) 4-Nitrophenol	9.95	139	386979	81.198	ng		97
57) 2,4-Dinitrotoluene	10.02	165	287789	47.740	ng		95
58) Fluorene	10.37	166	914439	43.936	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259651	47.034	ng		97
60) Diethylphthalate	10.26	149	962065	42.458	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	433514	42.594	ng		99
62) 4-Nitroaniline	10.40	138	236885	40.890	ng		93
63) Azobenzene	10.53	77	918072	40.235	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	162271	64.008	ng		84
66) n-Nitrosodiphenylamine	10.49	169	830229	41.831	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	279572	40.604	ng	#	91
68) Hexachlorobenzene	10.93	284	305865	43.403	ng	#	92
69) Atrazine	11.02	200	249576	45.868	ng		99
70) Pentachlorophenol	11.12	266	355269	85.979	ng		99
71) Phenanthrene	11.34	178	1333121	42.525	ng		99
72) Anthracene	11.39	178	1383521	43.423	ng		98
73) Carbazole	11.55	167	1271407	40.316	ng		98
74) Di-n-butylphthalate	11.88	149	1492215	44.233	ng		100
75) Fluoranthene	12.53	202	1464958	43.180	ng		99
77) Benzidine	12.65	184	561182	29.632	ng		98
78) Pyrene	12.76	202	1479674	40.289	ng		98
80) Butylbenzylphthalate	13.38	149	628261	42.295	ng		100
81) Benzo(a)anthracene	13.95	228	1194663	41.053	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	320627	27.944	ng		98
83) Chrysene	13.99	228	1228047	40.890	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	805817	45.507	ng		100
85) Di-n-octyl phthalate	14.56	149	1383805	44.435	ng		98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1447753	51.184	ng		99
88) Benzo(b)fluoranthene	14.99	252	1281010	41.772	ng		99
89) Benzo(k)fluoranthene	15.02	252	1149257	39.357	ng		97
90) Benzo(a)pyrene	15.34	252	1118795	40.144	ng		99
91) Dibenzo(a,h)anthracene	16.85	278	1186015	48.654	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1179460	48.162	ng		100

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

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