Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113288.D
Acq On : 26 Mar 2019 13:23
Operator : JU/SJ
Sample : PB118273BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118273BS

Manual Integrations APPROVED
Sohil
3/27/2019 3:17:37 PM

Quant Time: Mar 27 06:49:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	198605	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	763793	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	358073	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	681878	20.00	ng		0.00
76) Chrysene-d12	13.84	240	396191	20.00	ng		0.00
87) Perylene-d12	15.24	264	353798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1267620	104.36	ng		0.02
7) Phenol-d6	6.36	99	1661893	108.16	ng		0.00
23) Nitrobenzene-d5	7.27	82	1025918	79.72	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	493480	111.57	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1809869	77.71	ng		0.00
79) Terphenyl-d14	12.79	244	1644668	91.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	202000	32.778	ng		100
3) Pyridine	3.19	79	469929	30.932	ng		96
4) n-Nitrosodimethylamine	3.12	42	227853	33.737	ng		94
6) Aniline	6.37	93	471190	25.181	ng	#	74
8) 2-Chlorophenol	6.49	128	506189	35.887	ng		100
9) Benzaldehyde	6.25	77	171413	16.624	ng		97
10) Phenol	6.37	94	600212	34.216	ng		91
11) bis(2-Chloroethyl)ether	6.45	93	476939	35.469	ng		100
12) 1,3-Dichlorobenzene	6.65	146	544684	35.825	ng		98
13) 1,4-Dichlorobenzene	6.72	146	567069	38.629	ng		99
14) 1,2-Dichlorobenzene	6.87	146	520145	36.015	ng		97
15) Benzyl Alcohol	6.85	79	393741	38.842	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	772292	38.232	ng		96
17) 2-Methylphenol	6.97	107	446325	40.377	ng		98
18) Hexachloroethane	7.22	117	203791	38.650	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	345091	35.754	ng		97
20) 3+4-Methylphenols	7.13	107	523275	40.458	ng		96
22) Acetophenone	7.12	105	708014	40.647	ng	#	99
24) Nitrobenzene	7.29	77	552702	41.159	ng		97
25) Isophorone	7.53	82	1000201	40.107	ng		97
26) 2-Nitrophenol	7.60	139	293773	41.388	ng		95
27) 2,4-Dimethylphenol	7.65	122	473311	46.356	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	620446	39.507	ng		99
29) 2,4-Dichlorophenol	7.85	162	451280	40.786	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	486668	40.767	ng		99
31) Naphthalene	8.01	128	1504416	40.306	ng		100
32) Benzoic acid	7.78	122	186891	22.739	ng		98
33) 4-Chloroaniline	8.06	127	414220	28.460	ng		99
34) Hexachlorobutadiene	8.13	225	285567	40.248	ng		98
35) Caprolactam	8.43	113	143412m	40.385	ng		
36) 4-Chloro-3-methylphenol	8.56	107	455249	40.907	ng		100
37) 2-Methylnaphthalene	8.70	142	996760	42.799	ng		99
38) 1-Methylnaphthalene	8.80	142	940146	41.969	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	456730	39.736	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	381646	78.445	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	303084	40.493	ng		96
44) 2,4,5-Trichlorophenol	9.03	196	327816	39.575	ng		98
46) 1,1'-Biphenyl	9.16	154	1174286	39.266	ng		99
47) 2-Chloronaphthalene	9.19	162	906404	39.364	ng		100
48) 2-Nitroaniline	9.29	65	287267	39.754	ng		94
49) Acenaphthylene	9.60	152	1443573	38.773	ng		100
50) Dimethylphthalate	9.47	163	1051371	39.620	ng		100
51) 2,6-Dinitrotoluene	9.53	165	236482	39.503	ng		94
52) Acenaphthene	9.77	154	826163	39.403	ng		99
53) 3-Nitroaniline	9.69	138	199996	29.624	ng		92
54) 2,4-Dinitrophenol	9.81	184	163558	54.932	ng	#	88
55) Dibenzofuran	9.95	168	1246026	39.531	ng		98
56) 4-Nitrophenol	9.87	139	347845	72.271	ng		96
57) 2,4-Dinitrotoluene	9.93	165	296632	38.964	ng		97
58) Fluorene	10.29	166	925769	37.808	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	283582	40.484	ng		100
60) Diethylphthalate	10.16	149	1015410	39.007	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	462432	38.749	ng		97
62) 4-Nitroaniline	10.31	138	264428	38.043	ng		98
63) Azobenzene	10.43	77	952096	38.854	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	121655	32.614	ng		92
66) n-Nitrosodiphenylamine	10.40	169	860308	41.117	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	303259	40.805	ng		96
68) Hexachlorobenzene	10.83	284	351313	40.725	ng		96
69) Atrazine	10.92	200	256032	38.768	ng		96
70) Pentachlorophenol	11.03	266	311345	69.273	ng		99
71) Phenanthrene	11.24	178	1342602	39.649	ng		100
72) Anthracene	11.29	178	1389791	40.407	ng		99
73) Carbazole	11.45	167	1296069	39.490	ng		99
74) Di-n-butylphthalate	11.78	149	1503761	39.511	ng		100
75) Fluoranthene	12.42	202	1335555	34.889	ng		99
77) Benzidine	12.54	184	401406	26.457	ng		98
78) Pyrene	12.65	202	1320966	48.114	ng		99
80) Butylbenzylphthalate	13.26	149	541536	44.757	ng		98
81) Benzo(a)anthracene	13.83	228	874778	38.573	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	261854	28.782	ng		100
83) Chrysene	13.87	228	907521	39.397	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	600450	40.481	ng		98
85) Di-n-octyl phthalate	14.43	149	1001168	39.764	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1039501	52.581	ng		98
88) Benzo(b)fluoranthene	14.84	252	851016	38.722	ng		99
89) Benzo(k)fluoranthene	14.87	252	834522	43.238	ng		99
90) Benzo(a)pyrene	15.19	252	860240	44.151	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	874209	51.890	ng		98
92) Benzo(g,h,i)perylene	17.00	276	917670	54.022	ng		99

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

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