Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114085.D
Acq On : 2 May 2019 15:29
Operator : JU/SJ
Sample : PB119394BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Manual Integrations APPROVED
Sohil
5/3/2019 4:33:00 PM

Quant Time: May 03 03:38:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	116403	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	438383	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	247067	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	504897	20.00	ng		0.00
76) Chrysene-d12	14.06	240	414345	20.00	ng		-0.01
87) Perylene-d12	15.54	264	363849	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	838478	123.20	ng		0.00
7) Phenol-d6	6.53	99	1117943	130.93	ng		0.00
23) Nitrobenzene-d5	7.45	82	589142	82.98	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	396832	131.85	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1237850	78.36	ng		-0.01
79) Terphenyl-d14	13.00	244	1608680	79.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	109336	34.081	ng		97
3) Pyridine	3.49	79	263728	30.117	ng		99
4) n-Nitrosodimethylamine	3.43	42	105995	35.360	ng		91
6) Aniline	6.55	93	329974	28.143	ng		99
8) 2-Chlorophenol	6.68	128	296414	38.148	ng		98
9) Benzaldehyde	6.43	77	156213	29.729	ng		98
10) Phenol	6.54	94	377180	36.941	ng		91
11) bis(2-Chloroethyl)ether	6.62	93	290199	37.770	ng		97
12) 1,3-Dichlorobenzene	6.83	146	320761	36.449	ng		98
13) 1,4-Dichlorobenzene	6.90	146	337308	38.108	ng		98
14) 1,2-Dichlorobenzene	7.06	146	302903	37.236	ng		98
15) Benzyl Alcohol	7.03	79	267964	46.596	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	316727	35.313	ng		94
17) 2-Methylphenol	7.15	107	248111	36.428	ng		98
18) Hexachloroethane	7.40	117	111908	36.067	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	208144	37.642	ng		96
20) 3+4-Methylphenols	7.29	107	302920	39.365	ng	#	77
22) Acetophenone	7.30	105	412323	42.266	ng	#	93
24) Nitrobenzene	7.47	77	320949	40.910	ng		99
25) Isophorone	7.71	82	593535	40.855	ng		100
26) 2-Nitrophenol	7.79	139	166674	46.570	ng		99
27) 2,4-Dimethylphenol	7.82	122	267781	45.922	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	373130	40.306	ng		99
29) 2,4-Dichlorophenol	8.03	162	283880	42.572	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	300939	40.476	ng		98
31) Naphthalene	8.19	128	861416	41.363	ng		99
32) Benzoic acid	7.96	122	183739	46.659	ng		98
33) 4-Chloroaniline	8.24	127	260462	29.558	ng		97
34) Hexachlorobutadiene	8.31	225	183409	39.571	ng		99
35) Caprolactam	8.61	113	87867m	41.423	ng		
36) 4-Chloro-3-methylphenol	8.73	107	282907	42.824	ng		97
37) 2-Methylnaphthalene	8.89	142	605755	43.134	ng		98
38) 1-Methylnaphthalene	8.99	142	575571	42.464	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	310552	38.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	267489	59.769	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	219079	42.989	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	232604	40.693	ng		99
46) 1,1'-Biphenyl	9.35	154	760698	40.304	ng		98
47) 2-Chloronaphthalene	9.37	162	614991	40.068	ng		98
48) 2-Nitroaniline	9.47	65	173911	43.222	ng		90
49) Acenaphthylene	9.79	152	943389	39.261	ng		99
50) Dimethylphthalate	9.65	163	747009	41.806	ng		99
51) 2,6-Dinitrotoluene	9.71	165	168186	43.874	ng		99
52) Acenaphthene	9.96	154	567887	39.990	ng		97
53) 3-Nitroaniline	9.87	138	124564	30.923	ng		97
54) 2,4-Dinitrophenol	9.99	184	169835	100.071	ng	#	1
55) Dibenzofuran	10.13	168	877904	41.271	ng		97
56) 4-Nitrophenol	10.05	139	266812	83.654	ng		97
57) 2,4-Dinitrotoluene	10.12	165	224821	46.464	ng		98
58) Fluorene	10.48	166	671906	41.955	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	203389	40.489	ng		98
60) Diethylphthalate	10.35	149	726726	42.829	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	356927	42.084	ng		97
62) 4-Nitroaniline	10.49	138	167193	42.532	ng		99
63) Azobenzene	10.63	77	665480	40.466	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	112869	48.655	ng		99
66) n-Nitrosodiphenylamine	10.59	169	609546	40.235	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	233700	38.315	ng		97
68) Hexachlorobenzene	11.03	284	257348	38.395	ng		95
69) Atrazine	11.11	200	200535	40.691	ng		98
70) Pentachlorophenol	11.22	266	285171	75.146	ng		97
71) Phenanthrene	11.44	178	1019628	40.184	ng		99
72) Anthracene	11.49	178	1052206	41.064	ng		99
73) Carbazole	11.65	167	947016	41.427	ng		99
74) Di-n-butylphthalate	11.97	149	1156704	43.015	ng		100
75) Fluoranthene	12.63	202	1119615	40.443	ng		98
77) Benzidine	12.74	184	386523	31.308	ng		97
78) Pyrene	12.86	202	1124872	38.821	ng		99
80) Butylbenzylphthalate	13.47	149	506386	44.418	ng		93
81) Benzo(a)anthracene	14.04	228	1037189	42.486	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	369037	41.243	ng	#	98
83) Chrysene	14.09	228	1025880	43.149	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	712037	49.089	ng		100
85) Di-n-octyl phthalate	14.64	149	1192281	52.515	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1024387	45.486	ng		98
88) Benzo(b)fluoranthene	15.11	252	1075352	46.713	ng		99
89) Benzo(k)fluoranthene	15.14	252	1010675	51.040	ng		99
90) Benzo(a)pyrene	15.48	252	992880	49.864	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	867378	46.405	ng		99
92) Benzo(g,h,i)perylene	17.50	276	825941	43.787	ng		98

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

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