Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115895.D
Acq On : 1 Aug 2019 9:36
Operator : HP/JU
Sample : PB121854BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121854BS

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:44 PM

Quant Time: Aug 01 13:50:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145938	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	599757	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	329267	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	574346	20.00	ng		0.00
76) Chrysene-d12	14.03	240	406286	20.00	ng		0.00
87) Perylene-d12	15.50	264	359496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1015029	116.43	ng		0.02
7) Phenol-d6	6.50	99	1284017	116.74	ng		0.01
23) Nitrobenzene-d5	7.42	82	844290	81.26	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	374025	117.16	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1481954	84.30	ng		0.00
79) Terphenyl-d14	12.97	244	1631218	84.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	181509	41.214	ng		98
3) Pyridine	3.46	79	479133	38.946	ng		99
4) n-Nitrosodimethylamine	3.41	42	208655	42.978	ng		96
6) Aniline	6.52	93	519057	32.953	ng	#	79
8) 2-Chlorophenol	6.65	128	445906	46.256	ng		98
9) Benzaldehyde	6.40	77	259523	34.197	ng		98
10) Phenol	6.51	94	552354	42.646	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	431063	45.267	ng		97
12) 1,3-Dichlorobenzene	6.80	146	472535	42.415	ng		99
13) 1,4-Dichlorobenzene	6.87	146	480393	43.066	ng		98
14) 1,2-Dichlorobenzene	7.03	146	442211	43.053	ng		99
15) Benzyl Alcohol	7.00	79	389349	46.646	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	565192	43.514	ng		94
17) 2-Methylphenol	7.12	107	379987	46.552	ng		98
18) Hexachloroethane	7.37	117	178028	43.348	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	304783	44.718	ng		98
20) 3+4-Methylphenols	7.26	107	446596	46.234	ng	#	87
22) Acetophenone	7.26	105	596189	45.326	ng		97
24) Nitrobenzene	7.44	77	492999	43.943	ng		95
25) Isophorone	7.67	82	897007	45.149	ng		99
26) 2-Nitrophenol	7.75	139	246493	46.610	ng		97
27) 2,4-Dimethylphenol	7.79	122	406634	51.108	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	546813	44.405	ng		100
29) 2,4-Dichlorophenol	8.00	162	384740	45.798	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	416023	43.443	ng		99
31) Naphthalene	8.16	128	1275236	45.184	ng		100
32) Benzoic acid	7.94	122	243134	43.343	ng		100
33) 4-Chloroaniline	8.20	127	353090	28.000	ng		98
34) Hexachlorobutadiene	8.27	225	232455	42.143	ng		99
35) Caprolactam	8.59	113	121178m	44.599	ng		
36) 4-Chloro-3-methylphenol	8.70	107	409683	46.877	ng		96
37) 2-Methylnaphthalene	8.86	142	857387	46.127	ng		99
38) 1-Methylnaphthalene	8.96	142	801765	45.595	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	392038	44.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	275286	70.427	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	263803	43.539	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	281036	44.871	ng		96
46) 1,1'-Biphenyl	9.32	154	1028780	44.256	ng		99
47) 2-Chloronaphthalene	9.35	162	825938	42.689	ng		99
48) 2-Nitroaniline	9.44	65	267195	41.781	ng		90
49) Acenaphthylene	9.76	152	1251075	44.323	ng		99
50) Dimethylphthalate	9.62	163	978093	43.627	ng		100
51) 2,6-Dinitrotoluene	9.69	165	221365	45.435	ng		99
52) Acenaphthene	9.93	154	750910	43.364	ng		100
53) 3-Nitroaniline	9.85	138	186189	30.928	ng		92
54) 2,4-Dinitrophenol	9.97	184	173922	71.144	ng		95
55) Dibenzofuran	10.10	168	1120114	44.480	ng		97
56) 4-Nitrophenol	10.03	139	321303	83.315	ng		98
57) 2,4-Dinitrotoluene	10.09	165	288586	44.488	ng		92
58) Fluorene	10.45	166	847543	43.744	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	238459	45.254	ng		99
60) Diethylphthalate	10.32	149	927570	44.315	ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	431594	43.984	ng		97
62) 4-Nitroaniline	10.47	138	239756	38.537	ng		99
63) Azobenzene	10.60	77	966806	44.907	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	138237	45.418	ng		93
66) n-Nitrosodiphenylamine	10.56	169	784257	45.366	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	270104	43.931	ng		97
68) Hexachlorobenzene	11.00	284	302623	42.565	ng		99
69) Atrazine	11.09	200	252521	44.402	ng		98
70) Pentachlorophenol	11.20	266	309121	89.556	ng		98
71) Phenanthrene	11.42	178	1284754	43.756	ng		100
72) Anthracene	11.46	178	1324374	44.569	ng		98
73) Carbazole	11.62	167	1172803	43.503	ng		100
74) Di-n-butylphthalate	11.95	149	1423532	45.264	ng		100
75) Fluoranthene	12.60	202	1357456	44.161	ng		100
77) Benzidine	12.72	184	571338	41.624	ng		97
78) Pyrene	12.83	202	1387882	45.316	ng		100
80) Butylbenzylphthalate	13.44	149	614023	47.396	ng		96
81) Benzo(a)anthracene	14.02	228	1131359	43.567	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	313637	34.764	ng	#	99
83) Chrysene	14.06	228	1094655	43.419	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	837181	49.728	ng		100
85) Di-n-octyl phthalate	14.61	149	1303488	48.746	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	867873	40.986	ng		99
88) Benzo(b)fluoranthene	15.07	252	1014797	48.820	ng		98
89) Benzo(k)fluoranthene	15.10	252	906857	44.791	ng		98
90) Benzo(a)pyrene	15.44	252	895036	48.168	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	723462	44.979	ng		100
92) Benzo(g,h,i)perylene	17.43	276	722418	45.733	ng		98

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

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