Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115403.D
Acq On : 8 Jul 2019 13:42
Operator : HP/JU
Sample : PB121094BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 08 14:57:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 14:37:33 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB121094BSD

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168247	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	664475	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	331960	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	642270	20.00	ng		0.00
76) Chrysene-d12	14.06	240	477575	20.00	ng		-0.01
87) Perylene-d12	15.56	264	484317	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1312695	120.55	ng		0.01
7) Phenol-d6	6.53	99	1694765	122.37	ng		0.00
23) Nitrobenzene-d5	7.46	82	996103	88.57	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	480467	130.90	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1798191	95.05	ng		0.00
79) Terphenyl-d14	13.00	244	1972547	84.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	226453	42.396	ng		99
3) Pyridine	3.55	79	579739	39.252	ng		99
4) n-Nitrosodimethylamine	3.50	42	241350	40.297	ng		95
6) Aniline	6.56	93	629134	32.191	ng		100
8) 2-Chlorophenol	6.69	128	529710	43.080	ng		98
9) Benzaldehyde	6.45	77	300704	37.226	ng		95
10) Phenol	6.54	94	685652	41.379	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	508798	41.390	ng		97
12) 1,3-Dichlorobenzene	6.84	146	563322	41.816	ng		99
13) 1,4-Dichlorobenzene	6.92	146	564443	41.830	ng		98
14) 1,2-Dichlorobenzene	7.07	146	529825	42.409	ng		99
15) Benzyl Alcohol	7.03	79	475484	42.785	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	692709	40.302	ng		99
17) 2-Methylphenol	7.15	107	445018	42.246	ng		99
18) Hexachloroethane	7.42	117	213320	42.437	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	370492	39.542	ng		100
20) 3+4-Methylphenols	7.30	107	546504	43.920	ng		99
22) Acetophenone	7.30	105	734927	46.158	ng	#	98
24) Nitrobenzene	7.47	77	582102	45.831	ng		100
25) Isophorone	7.72	82	1055848	43.313	ng		99
26) 2-Nitrophenol	7.79	139	274525	52.573	ng		94
27) 2,4-Dimethylphenol	7.83	122	511268	51.347	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	648670	43.153	ng		99
29) 2,4-Dichlorophenol	8.03	162	452490	45.626	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	490747	44.450	ng		99
31) Naphthalene	8.20	128	1502556	45.526	ng		98
32) Benzoic acid	7.95	122	347045	47.864	ng		98
33) 4-Chloroaniline	8.24	127	332321	22.567	ng		99
34) Hexachlorobutadiene	8.32	225	272396	43.506	ng		99
35) Caprolactam	8.61	113	144656m	44.785	ng		
36) 4-Chloro-3-methylphenol	8.72	107	470648	44.867	ng		99
37) 2-Methylnaphthalene	8.89	142	1014181	45.973	ng		99
38) 1-Methylnaphthalene	8.99	142	946144	44.951	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	442080	46.291	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	528827	95.540	ng	97
43) 2,4,6-Trichlorophenol	9.17	196	327443	47.096	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	338726	46.984	ng	98
46) 1,1'-Biphenyl	9.36	154	1219810	46.741	ng	98
47) 2-Chloronaphthalene	9.38	162	969665	44.957	ng	99
48) 2-Nitroaniline	9.47	65	292900	46.221	ng	97
49) Acenaphthylene	9.80	152	1469522	45.000	ng	99
50) Dimethylphthalate	9.66	163	1104593	44.333	ng	100
51) 2,6-Dinitrotoluene	9.71	165	253923	46.991	ng	100
52) Acenaphthene	9.97	154	1028130	50.025	ng	99
53) 3-Nitroaniline	9.88	138	193974	30.907	ng	95
54) 2,4-Dinitrophenol	9.99	184	241630	100.792	ng	96
55) Dibenzofuran	10.14	168	1323494	45.715	ng	100
56) 4-Nitrophenol	10.04	139	452852	93.261	ng	99
57) 2,4-Dinitrotoluene	10.12	165	341157	49.678	ng	94
58) Fluorene	10.49	166	984072	43.119	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	289991	46.563	ng	99
60) Diethylphthalate	10.36	149	1068072	43.551	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	493905	44.340	ng	97
62) 4-Nitroaniline	10.50	138	278198	45.158	ng	96
63) Azobenzene	10.63	77	1102825	43.624	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	162361	52.015	ng	84
66) n-Nitrosodiphenylamine	10.59	169	920394	45.481	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	319511	44.335	ng	93
68) Hexachlorobenzene	11.03	284	359121	44.408	ng	96
69) Atrazine	11.12	200	301111	48.079	ng	99
70) Pentachlorophenol	11.22	266	431216	87.496	ng	99
71) Phenanthrene	11.45	178	1525781	45.170	ng	100
72) Anthracene	11.50	178	1567680	46.282	ng	100
73) Carbazole	11.65	167	1397476	45.098	ng	100
74) Di-n-butylphthalate	11.98	149	1637077	43.713	ng	99
75) Fluoranthene	12.63	202	1609557	45.256	ng	100
77) Benzidine	12.75	184	824304	44.261	ng	99
78) Pyrene	12.86	202	1629071	43.865	ng	98
80) Butylbenzylphthalate	13.47	149	725770	44.727	ng	99
81) Benzo(a)anthracene	14.05	228	1355276	44.290	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	378512	34.090	ng	99
83) Chrysene	14.09	228	1392484	44.289	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	897652	44.670	ng	99
85) Di-n-octyl phthalate	14.68	149	1638472	45.801	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1223936	47.912	ng	100
88) Benzo(b)fluoranthene	15.13	252	1359278	43.106	ng	98
89) Benzo(k)fluoranthene	15.16	252	1300421	46.371	ng	99
90) Benzo(a)pyrene	15.50	252	1256191	46.187	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1023746	44.049	ng	99
92) Benzo(g,h,i)perylene	17.50	276	986372	44.839	ng	98

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

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