Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116185.D
Acq On : 12 Aug 2019 12:11
Operator : HP/JU
Sample : PB122104BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122104BS

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:24 AM

Quant Time: Aug 12 15:20:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134968	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	563996	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	310599	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	537513	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	372096	20.00	ng		0.00
87) Perylene-d12	15.46	264	299970	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	876914	108.77	ng		0.00
7) Phenol-d6	6.48	99	1095678	107.71	ng		0.00
23) Nitrobenzene-d5	7.40	82	724982	74.20	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	328359	109.04	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1284652	77.47	ng		-0.01
79) Terphenyl-d14	12.94	244	1463814	82.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	154533	37.941	ng		99
3) Pyridine	3.43	79	344138	30.247	ng		99
4) n-Nitrosodimethylamine	3.38	42	154288	34.363	ng		100
6) Aniline	6.50	93	416615	28.599	ng	#	86
8) 2-Chlorophenol	6.63	128	374342	41.989	ng		99
9) Benzaldehyde	6.39	77	112404	16.015	ng		98
10) Phenol	6.49	94	466552	38.949	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	358638	40.723	ng		98
12) 1,3-Dichlorobenzene	6.77	146	392736	38.117	ng		99
13) 1,4-Dichlorobenzene	6.85	146	401832	38.951	ng		99
14) 1,2-Dichlorobenzene	7.00	146	376316	39.615	ng		99
15) Benzyl Alcohol	6.98	79	305666	39.597	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	473997	39.459	ng		98
17) 2-Methylphenol	7.09	107	313434	41.520	ng		99
18) Hexachloroethane	7.34	117	148070	38.984	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	259488	41.167	ng		99
20) 3+4-Methylphenols	7.25	107	382706	42.840	ng		92
22) Acetophenone	7.25	105	508548	41.114	ng		99
24) Nitrobenzene	7.42	77	414600	39.298	ng		98
25) Isophorone	7.66	82	764709	40.931	ng		99
26) 2-Nitrophenol	7.73	139	208424	41.910	ng		97
27) 2,4-Dimethylphenol	7.77	122	336944	45.034	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	472972	40.844	ng		100
29) 2,4-Dichlorophenol	7.98	162	330609	41.849	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	350037	38.870	ng		99
31) Naphthalene	8.13	128	1091837	41.139	ng		99
32) Benzoic acid	7.93	122	192492	36.491	ng		94
33) 4-Chloroaniline	8.19	127	317931	26.810	ng		99
34) Hexachlorobutadiene	8.25	225	196124	37.811	ng		99
35) Caprolactam	8.56	113	101451m	39.706	ng		
36) 4-Chloro-3-methylphenol	8.68	107	347790	42.318	ng		98
37) 2-Methylnaphthalene	8.83	142	729939	41.760	ng		100
38) 1-Methylnaphthalene	8.93	142	686318	41.505	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	336314	40.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	130995	38.461 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	219532	38.410 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	230523	39.018 ng	98
46) 1,1'-Biphenyl	9.29	154	891569	40.659 ng	98
47) 2-Chloronaphthalene	9.32	162	707453	38.763 ng	97
48) 2-Nitroaniline	9.42	65	222721	36.920 ng	99
49) Acenaphthylene	9.73	152	1064756	39.989 ng	99
50) Dimethylphthalate	9.59	163	846004	40.003 ng	100
51) 2,6-Dinitrotoluene	9.66	165	184420	40.127 ng	98
52) Acenaphthene	9.90	154	644535	39.458 ng	100
53) 3-Nitroaniline	9.83	138	146797	25.850 ng	96
54) 2,4-Dinitrophenol	9.95	184	153922	67.230 ng	99
55) Dibenzofuran	10.08	168	925567	38.963 ng	100
56) 4-Nitrophenol	10.01	139	235778	64.812 ng	95
57) 2,4-Dinitrotoluene	10.07	165	235631	38.508 ng	95
58) Fluorene	10.42	166	753859	41.248 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200653	40.368 ng	99
60) Diethylphthalate	10.29	149	818943	41.477 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	378835	40.928 ng	98
62) 4-Nitroaniline	10.45	138	197990	33.736 ng	99
63) Azobenzene	10.57	77	832112	40.973 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	120956	42.464 ng	90
66) n-Nitrosodiphenylamine	10.53	169	667770	41.275 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	235517	40.931 ng	99
68) Hexachlorobenzene	10.97	284	257910	38.762 ng	98
69) Atrazine	11.06	200	208026	39.085 ng	100
70) Pentachlorophenol	11.17	266	241648	74.806 ng	98
71) Phenanthrene	11.39	178	1107451	40.302 ng	99
72) Anthracene	11.43	178	1145197	41.180 ng	99
73) Carbazole	11.59	167	1042231	41.309 ng	99
74) Di-n-butylphthalate	11.91	149	1267877	43.078 ng	99
75) Fluoranthene	12.57	202	1164827	40.491 ng	99
77) Benzidine	12.69	184	332313	26.435 ng	98
78) Pyrene	12.80	202	1174150	41.860 ng	100
80) Butylbenzylphthalate	13.40	149	520536	43.872 ng	94
81) Benzo(a)anthracene	13.99	228	956765	40.229 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	285513	34.555 ng	98
83) Chrysene	14.03	228	952419	41.249 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	719694	46.678 ng	99
85) Di-n-octyl phthalate	14.57	149	1119286	45.704 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	769963	39.703 ng	100
88) Benzo(b)fluoranthene	15.04	252	789815	45.537 ng	99
89) Benzo(k)fluoranthene	15.07	252	839190	49.674 ng	99
90) Benzo(a)pyrene	15.40	252	771911	49.785 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	651180	48.519 ng	99
92) Benzo(g,h,i)perylene	17.38	276	639811	48.541 ng	98

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

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