Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116272.D
Acq On : 15 Aug 2019 12:02
Operator : HP/JU
Sample : PB122215BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122215BS

Manual Integrations APPROVED
Jagrut
8/16/2019 5:32:39 PM

Quant Time: Aug 15 15:06:51 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	6.82	152	144703	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	605698	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	330677	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	560648	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	383821	20.00	ng		-0.03
87) Perylene-d12	15.43	264	322615	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1006756	116.47	ng		-0.01
7) Phenol-d6	6.46	99	1236165	113.35	ng		-0.02
23) Nitrobenzene-d5	7.39	82	835316	79.61	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	361338	112.71	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1435114	81.29	ng		-0.03
79) Terphenyl-d14	12.92	244	1527466	83.86	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	175628	40.219	ng		99
3) Pyridine	3.43	79	411206	33.710	ng		99
4) n-Nitrosodimethylamine	3.39	42	188606	39.180	ng		99
6) Aniline	6.49	93	458801	29.376	ng	#	90
8) 2-Chlorophenol	6.61	128	431276	45.120	ng		98
9) Benzaldehyde	6.37	77	157527	20.934	ng		97
10) Phenol	6.47	94	544003	42.359	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	432539	45.810	ng		99
12) 1,3-Dichlorobenzene	6.76	146	460686	41.704	ng		100
13) 1,4-Dichlorobenzene	6.83	146	466116	42.142	ng		99
14) 1,2-Dichlorobenzene	6.99	146	433390	42.554	ng		99
15) Benzyl Alcohol	6.97	79	344574	41.634	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546011	42.396	ng		88
17) 2-Methylphenol	7.08	107	364712	45.062	ng		97
18) Hexachloroethane	7.33	117	173437	42.590	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	297174	43.974	ng		97
20) 3+4-Methylphenols	7.23	107	438325	45.765	ng		99
22) Acetophenone	7.23	105	583693	43.940	ng		97
24) Nitrobenzene	7.40	77	487641	43.039	ng		99
25) Isophorone	7.64	82	896788	44.695	ng		99
26) 2-Nitrophenol	7.72	139	245044	45.881	ng		93
27) 2,4-Dimethylphenol	7.76	122	394960	49.154	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	554839	44.614	ng		99
29) 2,4-Dichlorophenol	7.96	162	385774	45.470	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	410582	42.455	ng		99
31) Naphthalene	8.12	128	1257848	44.131	ng		100
32) Benzoic acid	7.92	122	245979	43.420	ng		98
33) 4-Chloroaniline	8.17	127	353310	27.743	ng		98
34) Hexachlorobutadiene	8.24	225	232571	41.750	ng		99
35) Caprolactam	8.56	113	114832m	41.849	ng		
36) 4-Chloro-3-methylphenol	8.66	107	403489	45.715	ng		99
37) 2-Methylnaphthalene	8.81	142	834520	44.456	ng		100
38) 1-Methylnaphthalene	8.91	142	778820	43.856	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	385937	43.656	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	176034	46.994 ng	99
43) 2,4,6-Trichlorophenol	9.10	196	253461	41.654 ng	100
44) 2,4,5-Trichlorophenol	9.15	196	264167	41.998 ng	99
46) 1,1'-Biphenyl	9.27	154	1018077	43.609 ng	99
47) 2-Chloronaphthalene	9.30	162	806048	41.484 ng	99
48) 2-Nitroaniline	9.40	65	254631	39.647 ng	97
49) Acenaphthylene	9.72	152	1192237	42.058 ng	99
50) Dimethylphthalate	9.57	163	962420	42.745 ng	100
51) 2,6-Dinitrotoluene	9.65	165	211672	43.260 ng	96
52) Acenaphthene	9.89	154	731809	42.081 ng	99
53) 3-Nitroaniline	9.82	138	173160	28.641 ng	100
54) 2,4-Dinitrophenol	9.93	184	181919	73.773 ng	98
55) Dibenzofuran	10.06	168	1023459	40.468 ng	99
56) 4-Nitrophenol	10.00	139	269845	69.673 ng	90
57) 2,4-Dinitrotoluene	10.06	165	252662	38.784 ng	92
58) Fluorene	10.40	166	824748	42.386 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	219512	41.481 ng	97
60) Diethylphthalate	10.27	149	913664	43.464 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	425919	43.221 ng	97
62) 4-Nitroaniline	10.44	138	211038	33.776 ng	96
63) Azobenzene	10.55	77	946525	43.777 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	139343	46.900 ng	96
66) n-Nitrosodiphenylamine	10.51	169	760915	45.091 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	265762	44.281 ng	97
68) Hexachlorobenzene	10.96	284	291743	42.038 ng	98
69) Atrazine	11.04	200	233974	42.146 ng	99
70) Pentachlorophenol	11.16	266	259635	77.057 ng	98
71) Phenanthrene	11.36	178	1218104	42.500 ng	100
72) Anthracene	11.42	178	1264182	43.582 ng	99
73) Carbazole	11.57	167	1122230	42.644 ng	99
74) Di-n-butylphthalate	11.89	149	1406849	45.827 ng	99
75) Fluoranthene	12.55	202	1259639	41.980 ng	96
77) Benzidine	12.67	184	389597	30.045 ng	98
78) Pyrene	12.78	202	1279117	44.210 ng	98
80) Butylbenzylphthalate	13.39	149	592162	48.384 ng	98
81) Benzo(a)anthracene	13.97	228	1056277	43.056 ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	330889	38.823 ng	99
83) Chrysene	14.01	228	1029655	43.232 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	843308	53.024 ng	98
85) Di-n-octyl phthalate	14.55	149	1333975	52.806 ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	871207	43.552 ng	100
88) Benzo(b)fluoranthene	15.02	252	929962	49.853 ng	100
89) Benzo(k)fluoranthene	15.04	252	907470	49.946 ng	99
90) Benzo(a)pyrene	15.37	252	860018	51.575 ng	99
91) Dibenzo(a,h)anthracene	16.90	278	734855	50.911 ng	100
92) Benzo(g,h,i)perylene	17.33	276	721082	50.867 ng	97

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

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