Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114055.D
Acq On : 30 Apr 2019 21:02
Operator : JU/SJ
Sample : PB119350BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119350BS

Quant Time: Apr 30 23:05:04 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	141824	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	441695	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	227980	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	365346	20.00	ng		0.00
76) Chrysene-d12	14.06	240	257914	20.00	ng		-0.01
87) Perylene-d12	15.54	264	210537	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	830068	100.10	ng		0.01
7) Phenol-d6	6.53	99	1022475	98.28	ng		0.00
23) Nitrobenzene-d5	7.46	82	626416	87.57	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	291294	104.89	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1478660	101.44	ng		0.00
79) Terphenyl-d14	13.00	244	1396859	111.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	145389	37.195	ng		98
3) Pyridine	3.50	79	382925	35.890	ng		98
4) n-Nitrosodimethylamine	3.45	42	128498	35.183	ng		93
6) Aniline	6.56	93	268244	18.777	ng		99
8) 2-Chlorophenol	6.69	128	324002	34.224	ng		95
9) Benzaldehyde	6.44	77	59928	5.629	ng		92
10) Phenol	6.55	94	393108	31.600	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	327632	34.999	ng		98
12) 1,3-Dichlorobenzene	6.84	146	384626	35.872	ng		98
13) 1,4-Dichlorobenzene	6.91	146	391462	36.299	ng		98
14) 1,2-Dichlorobenzene	7.07	146	355744	35.893	ng		98
15) Benzyl Alcohol	7.03	79	286245	40.853	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	354668	32.456	ng		95
17) 2-Methylphenol	7.15	107	270033	32.540	ng		98
18) Hexachloroethane	7.41	117	84356	22.314	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	225726	33.505	ng		98
20) 3+4-Methylphenols	7.30	107	329066	35.097	ng	#	72
22) Acetophenone	7.30	105	444066	45.178	ng	#	92
24) Nitrobenzene	7.47	77	323642	40.944	ng		95
25) Isophorone	7.71	82	562805	38.449	ng		98
26) 2-Nitrophenol	7.79	139	109468	30.357	ng		94
27) 2,4-Dimethylphenol	7.83	122	255323	43.457	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	361427	38.749	ng		100
29) 2,4-Dichlorophenol	8.03	162	261241	38.884	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	292743	39.078	ng		98
31) Naphthalene	8.20	128	832965	39.697	ng		99
32) Benzoic acid	7.94	122	104822	26.419	ng		95
33) 4-Chloroaniline	8.24	127	153904	17.334	ng		98
34) Hexachlorobutadiene	8.32	225	177463	38.001	ng		98
35) Caprolactam	8.61	113	86308	40.383	ng		91
36) 4-Chloro-3-methylphenol	8.73	107	291588	43.807	ng		99
37) 2-Methylnaphthalene	8.89	142	671391	47.449	ng		99
38) 1-Methylnaphthalene	8.99	142	621916	45.539	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	343448	46.377	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	15534	3.762	ng		96
43) 2,4,6-Trichlorophenol	9.17	196	235051	49.985	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	248408	47.096	ng		99
46) 1,1'-Biphenyl	9.35	154	822027	47.200	ng		99
47) 2-Chloronaphthalene	9.38	162	628216	44.356	ng		99
48) 2-Nitroaniline	9.47	65	187425	50.481	ng		93
49) Acenaphthylene	9.79	152	866679	39.088	ng		99
50) Dimethylphthalate	9.65	163	718898	43.602	ng		100
51) 2,6-Dinitrotoluene	9.71	165	128196	36.241	ng		100
52) Acenaphthene	9.97	154	493481	37.660	ng		97
53) 3-Nitroaniline	9.88	138	160562	43.196	ng		91
54) 2,4-Dinitrophenol	9.99	184	2395	9.721	ng	#	21
55) Dibenzofuran	10.14	168	767271	39.090	ng		100
56) 4-Nitrophenol	10.04	139	197522	67.115	ng		93
57) 2,4-Dinitrotoluene	10.12	165	147416	33.017	ng		93
58) Fluorene	10.48	166	555021	37.558	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	168174	36.282	ng		100
60) Diethylphthalate	10.35	149	663592	42.382	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	309905	39.599	ng		99
62) 4-Nitroaniline	10.49	138	159319	43.922	ng		95
63) Azobenzene	10.63	77	555356	36.597	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	2701	8.676	ng		96
66) n-Nitrosodiphenylamine	10.59	169	519490	47.389	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	191581	43.408	ng		98
68) Hexachlorobenzene	11.03	284	211694	43.648	ng		98
69) Atrazine	11.11	200	170421	47.789	ng		98
70) Pentachlorophenol	11.23	266	188317	68.578	ng		96
71) Phenanthrene	11.44	178	750747	40.889	ng		99
72) Anthracene	11.49	178	783185	42.240	ng		99
73) Carbazole	11.65	167	688166	41.602	ng		99
74) Di-n-butylphthalate	11.97	149	861653	44.282	ng		98
75) Fluoranthene	12.63	202	801931	40.033	ng		96
77) Benzidine	12.75	184	727261	94.637	ng		97
78) Pyrene	12.86	202	955985	53.003	ng		98
80) Butylbenzylphthalate	13.47	149	347889	49.024	ng		99
81) Benzo(a)anthracene	14.04	228	638080	41.991	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	267754	48.073	ng		99
83) Chrysene	14.09	228	628187	42.447	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	485301	53.750	ng		98
85) Di-n-octyl phthalate	14.64	149	769126	54.424	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	490747	35.008	ng		98
88) Benzo(b)fluoranthene	15.10	252	524421	39.369	ng		98
89) Benzo(k)fluoranthene	15.13	252	489872	42.754	ng		99
90) Benzo(a)pyrene	15.48	252	461918	40.091	ng		99
91) Dibenzo(a,h)anthracene	17.05	278	416447	38.504	ng		100
92) Benzo(g,h,i)perylene	17.49	276	491180	45.002	ng		99

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

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