Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
Data File : BF112179.D
Acq On : 22 Jan 2019 1:44
Operator : JU/SJ
Sample : PB116516BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116516BS

Quant Time: Jan 22 02:41:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230838	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	800117	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	315048	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	542158	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	474388	20.00	ng		0.00
87) Perylene-d12	15.49	264	343926	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	825050	64.87	ng		0.00
7) Phenol-d6	6.50	99	999676	62.82	ng		0.00
23) Nitrobenzene-d5	7.42	82	873431	75.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	213436	62.80	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1655720	77.05	ng		0.00
79) Terphenyl-d14	12.96	244	1435230	64.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	155032	25.991	ng		95
3) Pyridine	3.43	79	414932	27.774	ng		99
4) n-Nitrosodimethylamine	3.38	42	196137	32.335	ng		99
6) Aniline	6.51	93	242764	12.544	ng	#	1
8) 2-Chlorophenol	6.65	128	465866	31.540	ng		99
9) Benzaldehyde	6.40	77	116246	10.037	ng		98
10) Phenol	6.51	94	520597	29.936	ng		85
11) bis(2-Chloroethyl)ether	6.58	93	425815	30.795	ng		98
12) 1,3-Dichlorobenzene	6.79	146	518598	30.765	ng		100
13) 1,4-Dichlorobenzene	6.87	146	525234	30.462	ng		99
14) 1,2-Dichlorobenzene	7.02	146	494142	31.112	ng		95
15) Benzyl Alcohol	6.99	79	362498	30.577	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	540608	27.112	ng		96
17) 2-Methylphenol	7.12	107	351580	31.695	ng		95
18) Hexachloroethane	7.36	117	153628	26.695	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	303393	31.298	ng		95
20) 3+4-Methylphenols	7.27	107	448296	33.331	ng	#	65
22) Acetophenone	7.26	105	598854	32.307	ng	#	96
24) Nitrobenzene	7.43	77	433613	35.329	ng		96
25) Isophorone	7.67	82	785562	35.118	ng		100
26) 2-Nitrophenol	7.75	139	194776	32.921	ng		99
27) 2,4-Dimethylphenol	7.79	122	368304	35.471	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	510258	33.254	ng		99
29) 2,4-Dichlorophenol	8.00	162	358286	31.587	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	415633	31.575	ng		99
31) Naphthalene	8.16	128	1234913	33.934	ng		99
32) Benzoic acid	7.90	122	97643	26.910	ng		97
33) 4-Chloroaniline	8.20	127	167838	10.262	ng		99
34) Hexachlorobutadiene	8.27	225	236190	32.242	ng		99
35) Caprolactam	8.56	113	99466	25.055	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	323219	29.175	ng		97
37) 2-Methylnaphthalene	8.85	142	818821	33.135	ng		100
38) 1-Methylnaphthalene	8.95	142	760615	32.027	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363131	35.895	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	23944	13.201 ng		97
43) 2,4,6-Trichlorophenol	9.13	196	217600	35.955 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	221839	34.417 ng		97
46) 1,1'-Biphenyl	9.31	154	952886	36.172 ng		98
47) 2-Chloronaphthalene	9.34	162	700827	33.987 ng		99
48) 2-Nitroaniline	9.43	65	189471	40.793 ng		87
49) Acenaphthylene	9.75	152	1056419	35.107 ng		98
50) Dimethylphthalate	9.60	163	858126	37.349 ng		99
51) 2,6-Dinitrotoluene	9.67	165	157529	34.332 ng	#	87
52) Acenaphthene	9.92	154	601071	32.647 ng		98
53) 3-Nitroaniline	9.84	138	146071	28.468 ng		95
54) 2,4-Dinitrophenol	9.96	184	7026	15.136 ng	#	86
55) Dibenzofuran	10.09	168	907763	32.603 ng		97
56) 4-Nitrophenol	10.02	139	197964	55.821 ng		98
57) 2,4-Dinitrotoluene	10.07	165	184596	32.931 ng		92
58) Fluorene	10.44	166	692900	33.308 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	163494	33.613 ng		98
60) Diethylphthalate	10.30	149	806665	35.968 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	353945	31.531 ng		97
62) 4-Nitroaniline	10.45	138	168760	33.123 ng		95
63) Azobenzene	10.59	77	631756	29.415 ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	9628	13.434 ng		82
66) n-Nitrosodiphenylamine	10.55	169	612026	34.147 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	205390	32.615 ng		98
68) Hexachlorobenzene	10.99	284	212112	31.268 ng		98
69) Atrazine	11.07	200	199072	34.420 ng		96
70) Pentachlorophenol	11.19	266	169368	54.070 ng		99
71) Phenanthrene	11.40	178	974479	35.715 ng		99
72) Anthracene	11.45	178	1005280	36.371 ng		99
73) Carbazole	11.60	167	891651	32.204 ng		99
74) Di-n-butylphthalate	11.93	149	1174353	37.706 ng		97
75) Fluoranthene	12.59	202	1079217	37.463 ng		98
77) Benzidine	12.70	184	638346	40.330 ng		96
78) Pyrene	12.82	202	1094386	34.966 ng		99
80) Butylbenzylphthalate	13.43	149	528509	38.491 ng		95
81) Benzo(a)anthracene	14.01	228	947948	34.851 ng		97
82) 3,3'-Dichlorobenzidine	13.96	252	332986	32.689 ng		98
83) Chrysene	14.04	228	879319	34.165 ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	798177	40.561 ng	#	99
85) Di-n-octyl phthalate	14.60	149	1248994	41.194 ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	654676	27.571 ng		98
88) Benzo(b)fluoranthene	15.06	252	756498	38.750 ng		100
89) Benzo(k)fluoranthene	15.09	252	663664	35.123 ng		97
90) Benzo(a)pyrene	15.42	252	645020	36.027 ng		99
91) Dibenzo(a,h)anthracene	16.97	278	553114	34.784 ng		99
92) Benzo(g,h,i)perylene	17.41	276	532437	33.987 ng		97

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

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