Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112369.D
Acq On : 1 Feb 2019 23:23
Operator : JU/SJ
Sample : PB116745BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116745BSD

Quant Time: Feb 02 00:19:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	119192	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	453686	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	223347	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	398149	20.00	ng		0.00
76) Chrysene-d12	14.00	240	263982	20.00	ng		0.00
87) Perylene-d12	15.47	264	259821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	630912	112.43	ng		0.00
7) Phenol-d6	6.49	99	776491	99.58	ng		0.00
23) Nitrobenzene-d5	7.40	82	720200	91.47	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	242703	93.36	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1505917	95.36	ng		-0.01
79) Terphenyl-d14	12.94	244	1228863	87.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	112181	50.184	ng		97
3) Pyridine	3.38	79	311927	54.856	ng		98
4) n-Nitrosodimethylamine	3.33	42	146372	61.269	ng		92
6) Aniline	6.50	93	152827	16.476	ng	#	14
8) 2-Chlorophenol	6.63	128	373978	49.541	ng		98
9) Benzaldehyde	6.39	77	214935	52.738	ng		97
10) Phenol	6.50	94	410754	48.015	ng		85
11) bis(2-Chloroethyl)ether	6.57	93	313346	46.525	ng		99
12) 1,3-Dichlorobenzene	6.78	146	407234	46.321	ng		98
13) 1,4-Dichlorobenzene	6.86	146	415424	45.914	ng		99
14) 1,2-Dichlorobenzene	7.01	146	387134	45.700	ng		98
15) Benzyl Alcohol	6.99	79	300255	45.680	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	400660	46.333	ng	#	48
17) 2-Methylphenol	7.10	107	284362	47.519	ng	#	92
18) Hexachloroethane	7.35	117	134437	42.313	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	244214	45.421	ng		98
20) 3+4-Methylphenols	7.26	107	374282	48.911	ng	#	61
22) Acetophenone	7.25	105	500434	45.299	ng		93
24) Nitrobenzene	7.42	77	365675	46.502	ng		96
25) Isophorone	7.66	82	648285	52.483	ng		99
26) 2-Nitrophenol	7.74	139	194639	46.316	ng		97
27) 2,4-Dimethylphenol	7.78	122	317785	54.885	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	407940	48.502	ng		99
29) 2,4-Dichlorophenol	7.99	162	319579	49.322	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	354554	47.605	ng		98
31) Naphthalene	8.15	128	1067612	50.320	ng		98
32) Benzoic acid	7.92	122	141576	42.867	ng		98
33) 4-Chloroaniline	8.19	127	73418	7.947	ng		99
34) Hexachlorobutadiene	8.26	225	195448	44.720	ng		99
35) Caprolactam	8.56	113	99507	43.534	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	316625	46.161	ng		98
37) 2-Methylnaphthalene	8.83	142	751295	51.727	ng		98
38) 1-Methylnaphthalene	8.93	142	706818	50.773	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	349715	47.689	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	67612	30.941	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	219720	48.607	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	228982	48.469	ng		99
46) 1,1'-Biphenyl	9.30	154	925232	47.385	ng		98
47) 2-Chloronaphthalene	9.32	162	699936	46.226	ng		96
48) 2-Nitroaniline	9.42	65	192710	46.695	ng		93
49) Acenaphthylene	9.74	152	1107801	49.916	ng		99
50) Dimethylphthalate	9.59	163	840096	48.412	ng		99
51) 2,6-Dinitrotoluene	9.66	165	185777	47.802	ng		96
52) Acenaphthene	9.91	154	638728	48.178	ng		99
53) 3-Nitroaniline	9.83	138	75570	17.948	ng		97
54) 2,4-Dinitrophenol	9.95	184	53267	42.708	ng		97
55) Dibenzofuran	10.08	168	967385	47.749	ng		95
56) 4-Nitrophenol	10.02	139	188992	84.902	ng		93
57) 2,4-Dinitrotoluene	10.07	165	235120	47.521	ng	#	85
58) Fluorene	10.43	166	768251	50.673	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	183255	51.329	ng		99
60) Diethylphthalate	10.29	149	839327	48.739	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	381964	46.315	ng		91
62) 4-Nitroaniline	10.45	138	164586	39.853	ng		97
63) Azobenzene	10.57	77	701398	46.311	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	54394	24.367	ng		98
66) n-Nitrosodiphenylamine	10.53	169	683145	50.910	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	231723	49.484	ng		96
68) Hexachlorobenzene	10.98	284	244519	48.669	ng		97
69) Atrazine	11.06	200	229299	52.958	ng		97
70) Pentachlorophenol	11.17	266	160645	82.176	ng		96
71) Phenanthrene	11.39	178	1051850	50.816	ng		98
72) Anthracene	11.44	178	1088630	52.797	ng		99
73) Carbazole	11.59	167	931519	45.800	ng		99
74) Di-n-butylphthalate	11.92	149	1297273	51.386	ng		99
75) Fluoranthene	12.57	202	970682	43.722	ng		99
77) Benzidine	12.69	184	431193	59.346	ng		95
78) Pyrene	12.80	202	941651	51.522	ng		99
80) Butylbenzylphthalate	13.41	149	458487	51.850	ng		92
81) Benzo(a)anthracene	13.99	228	802246	51.697	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	237119	40.829	ng		97
83) Chrysene	14.03	228	752169	50.778	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	637421	50.783	ng		98
85) Di-n-octyl phthalate	14.58	149	970947	50.278	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	735649	62.675	ng		98
88) Benzo(b)fluoranthene	15.04	252	785416	50.546	ng		98
89) Benzo(k)fluoranthene	15.07	252	786852	52.867	ng		98
90) Benzo(a)pyrene	15.41	252	756574	54.113	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	630123	55.920	ng		98
92) Benzo(g,h,i)perylene	17.40	276	571747	53.781	ng		97

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

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