Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112339.D
Acq On : 30 Jan 2019 23:30
Operator : JU/SJ
Sample : PB116708BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116708BSD

Quant Time: Jan 31 03:23:30 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	151785	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	571596	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	267583	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	475036	20.00	ng		0.00
76) Chrysene-d12	14.00	240	332441	20.00	ng		0.00
87) Perylene-d12	15.47	264	354647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	558980	78.22	ng		0.00
7) Phenol-d6	6.49	99	685475	69.03	ng		0.00
23) Nitrobenzene-d5	7.40	82	642287	64.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	191379	61.45	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1329362	70.26	ng		-0.01
79) Terphenyl-d14	12.94	244	1055539	59.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	107119	37.630	ng		96
3) Pyridine	3.42	79	280332	38.714	ng		98
4) n-Nitrosodimethylamine	3.36	42	132964	43.705	ng		96
6) Aniline	6.50	93	189185	16.016	ng	#	8
8) 2-Chlorophenol	6.63	128	327045	34.020	ng		95
9) Benzaldehyde	6.39	77	212585	40.960	ng		97
10) Phenol	6.50	94	367638	33.747	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	279839	32.628	ng		98
12) 1,3-Dichlorobenzene	6.78	146	360986	32.244	ng		99
13) 1,4-Dichlorobenzene	6.86	146	373036	32.376	ng		100
14) 1,2-Dichlorobenzene	7.01	146	352091	32.638	ng		97
15) Benzyl Alcohol	6.98	79	262928	31.411	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	361154	32.796	ng		62
17) 2-Methylphenol	7.10	107	250447	32.865	ng	#	91
18) Hexachloroethane	7.35	117	125613	31.046	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	218264	31.878	ng		99
20) 3+4-Methylphenols	7.26	107	323876	33.236	ng	#	65
22) Acetophenone	7.25	105	443172	31.841	ng	#	94
24) Nitrobenzene	7.42	77	321187	32.419	ng		98
25) Isophorone	7.66	82	568497	36.530	ng		99
26) 2-Nitrophenol	7.74	139	168949	31.910	ng		98
27) 2,4-Dimethylphenol	7.78	122	278637	38.197	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	365122	34.456	ng		97
29) 2,4-Dichlorophenol	7.99	162	273866	33.548	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	308981	32.928	ng		99
31) Naphthalene	8.14	128	936494	35.035	ng		99
32) Benzoic acid	7.90	122	90547	21.761	ng		97
33) 4-Chloroaniline	8.19	127	132564	11.390	ng		98
34) Hexachlorobutadiene	8.26	225	170434	30.952	ng		99
35) Caprolactam	8.55	113	81442	28.280	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	274440	31.757	ng		98
37) 2-Methylnaphthalene	8.83	142	656134	35.856	ng		99
38) 1-Methylnaphthalene	8.93	142	614411	35.030	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	299990	34.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	90556	33.470	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	178026	32.873	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	188015	33.218	ng		98
46) 1,1'-Biphenyl	9.29	154	801924	34.280	ng		99
47) 2-Chloronaphthalene	9.32	162	610986	33.681	ng		97
48) 2-Nitroaniline	9.42	65	166016	33.577	ng		100
49) Acenaphthylene	9.74	152	954900	35.914	ng		98
50) Dimethylphthalate	9.59	163	712200	34.257	ng		100
51) 2,6-Dinitrotoluene	9.66	165	157261	33.775	ng	#	85
52) Acenaphthene	9.91	154	548757	34.549	ng		99
53) 3-Nitroaniline	9.83	138	90345	17.910	ng		96
54) 2,4-Dinitrophenol	9.95	184	29558	19.781	ng		96
55) Dibenzofuran	10.08	168	827474	34.091	ng		96
56) 4-Nitrophenol	10.01	139	141127	52.918	ng		90
57) 2,4-Dinitrotoluene	10.07	165	202186	34.109	ng		94
58) Fluorene	10.42	166	655631	36.096	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	143852	33.632	ng		98
60) Diethylphthalate	10.29	149	706668	34.252	ng		97
61) 4-Chlorophenyl-phenylether	10.41	204	321496	32.539	ng		95
62) 4-Nitroaniline	10.44	138	146938	29.698	ng		96
63) Azobenzene	10.57	77	597233	32.914	ng		100
65) 4,6-Dinitro-2-methylphenol	10.48	198	39339	14.770	ng		92
66) n-Nitrosodiphenylamine	10.53	169	573793	35.840	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	191556	34.285	ng		96
68) Hexachlorobenzene	10.98	284	203285	33.913	ng	#	92
69) Atrazine	11.06	200	183911	35.601	ng		98
70) Pentachlorophenol	11.17	266	107475	46.079	ng		97
71) Phenanthrene	11.39	178	884017	35.795	ng		98
72) Anthracene	11.44	178	921472	37.457	ng		99
73) Carbazole	11.59	167	790842	32.590	ng		99
74) Di-n-butylphthalate	11.92	149	1036008	34.395	ng		98
75) Fluoranthene	12.57	202	843467	31.843	ng		99
77) Benzidine	12.69	184	337050	36.836	ng		95
78) Pyrene	12.80	202	834984	36.278	ng		98
80) Butylbenzylphthalate	13.41	149	379176	34.050	ng		95
81) Benzo(a)anthracene	13.99	228	718127	36.747	ng		97
82) 3,3'-Dichlorobenzidine	13.94	252	165176	22.584	ng		97
83) Chrysene	14.03	228	684656	36.702	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	524149	33.159	ng		97
85) Di-n-octyl phthalate	14.57	149	813867	33.465	ng		97
86) Indeno(1,2,3-cd)pyrene	16.95	276	748647	50.648	ng		98
88) Benzo(b)fluoranthene	15.04	252	744747	35.114	ng		99
89) Benzo(k)fluoranthene	15.07	252	690786	34.003	ng		99
90) Benzo(a)pyrene	15.41	252	714972	37.464	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	640355	41.633	ng		99
92) Benzo(g,h,i)perylene	17.39	276	595648	41.048	ng		97

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

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