Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112338.D
Acq On : 30 Jan 2019 23:01
Operator : JU/SJ
Sample : PB116708BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116708BS

Quant Time: Jan 30 23:46:13 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	6.83	152	149155	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	569223	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	271147	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	480178	20.00	ng		0.00
76) Chrysene-d12	14.00	240	355328	20.00	ng		0.00
87) Perylene-d12	15.47	264	357758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	584637	83.26	ng		0.00
7) Phenol-d6	6.49	99	715752	73.35	ng		0.00
23) Nitrobenzene-d5	7.40	82	669906	67.81	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	205669	65.17	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1373095	71.62	ng		-0.01
79) Terphenyl-d14	12.94	244	1140483	60.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	114655	40.987	ng		95
3) Pyridine	3.42	79	305468	42.929	ng		98
4) n-Nitrosodimethylamine	3.37	42	138622	46.369	ng		94
6) Aniline	6.50	93	224203	19.316	ng	#	25
8) 2-Chlorophenol	6.63	128	340894	36.086	ng		95
9) Benzaldehyde	6.39	77	217911	42.727	ng		99
10) Phenol	6.50	94	377938	35.304	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	291534	34.591	ng		98
12) 1,3-Dichlorobenzene	6.78	146	373925	33.988	ng		98
13) 1,4-Dichlorobenzene	6.85	146	386436	34.130	ng		97
14) 1,2-Dichlorobenzene	7.01	146	360153	33.974	ng		98
15) Benzyl Alcohol	6.98	79	272334	33.109	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	375161	34.669	ng		61
17) 2-Methylphenol	7.10	107	255578	34.129	ng	#	91
18) Hexachloroethane	7.35	117	130617	32.852	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	224572	33.377	ng		99
20) 3+4-Methylphenols	7.26	107	337749	35.270	ng	#	63
22) Acetophenone	7.25	105	455577	32.868	ng	#	95
24) Nitrobenzene	7.42	77	331576	33.607	ng		98
25) Isophorone	7.66	82	587450	37.905	ng		98
26) 2-Nitrophenol	7.74	139	172477	32.712	ng		97
27) 2,4-Dimethylphenol	7.78	122	285048	39.239	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	376453	35.674	ng		98
29) 2,4-Dichlorophenol	7.99	162	280947	34.559	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	320048	34.250	ng		98
31) Naphthalene	8.14	128	978410	36.756	ng		99
32) Benzoic acid	7.90	122	82905	20.007	ng		96
33) 4-Chloroaniline	8.19	127	156060	13.464	ng		97
34) Hexachlorobutadiene	8.26	225	177537	32.376	ng		98
35) Caprolactam	8.55	113	83299	29.046	ng		95
36) 4-Chloro-3-methylphenol	8.69	107	282729	32.853	ng		98
37) 2-Methylnaphthalene	8.83	142	678824	37.251	ng		98
38) 1-Methylnaphthalene	8.93	142	628208	35.966	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	309935	34.814	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	95323	34.400	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	184282	33.581	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	192700	33.598	ng		98
46) 1,1'-Biphenyl	9.29	154	825388	34.820	ng		99
47) 2-Chloronaphthalene	9.32	162	627119	34.116	ng		96
48) 2-Nitroaniline	9.42	65	170386	34.008	ng		99
49) Acenaphthylene	9.74	152	979041	36.338	ng		98
50) Dimethylphthalate	9.59	163	735881	34.931	ng		99
51) 2,6-Dinitrotoluene	9.66	165	158330	33.558	ng	#	85
52) Acenaphthene	9.91	154	564171	35.053	ng		99
53) 3-Nitroaniline	9.83	138	103060	20.162	ng		94
54) 2,4-Dinitrophenol	9.95	184	24448	16.146	ng		92
55) Dibenzofuran	10.08	168	851159	34.606	ng		97
56) 4-Nitrophenol	10.01	139	148954	55.119	ng		91
57) 2,4-Dinitrotoluene	10.07	165	206937	34.452	ng	#	92
58) Fluorene	10.42	166	669596	36.380	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	146616	33.827	ng		96
60) Diethylphthalate	10.29	149	728831	34.862	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	334318	33.391	ng		94
62) 4-Nitroaniline	10.45	138	157862	31.486	ng		96
63) Azobenzene	10.57	77	616913	33.552	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	36855	13.690	ng		92
66) n-Nitrosodiphenylamine	10.53	169	599642	37.053	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	200258	35.459	ng		96
68) Hexachlorobenzene	10.98	284	209999	34.658	ng		95
69) Atrazine	11.06	200	190254	36.434	ng		97
70) Pentachlorophenol	11.17	266	111139	47.140	ng		98
71) Phenanthrene	11.39	178	921581	36.917	ng		98
72) Anthracene	11.44	178	969924	39.004	ng		99
73) Carbazole	11.59	167	828662	33.782	ng		99
74) Di-n-butylphthalate	11.92	149	1082213	35.544	ng		99
75) Fluoranthene	12.57	202	917364	34.262	ng		98
77) Benzidine	12.69	184	374483	38.291	ng		95
78) Pyrene	12.80	202	902304	36.678	ng		98
80) Butylbenzylphthalate	13.41	149	412414	34.650	ng		95
81) Benzo(a)anthracene	13.99	228	770584	36.891	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	178878	22.882	ng		99
83) Chrysene	14.03	228	734727	36.849	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	577657	34.191	ng		98
85) Di-n-octyl phthalate	14.58	149	910729	35.036	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	781701	49.478	ng		98
88) Benzo(b)fluoranthene	15.04	252	777367	36.333	ng		99
89) Benzo(k)fluoranthene	15.07	252	723197	35.288	ng		98
90) Benzo(a)pyrene	15.41	252	740636	38.471	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	669160	43.128	ng		97
92) Benzo(g,h,i)perylene	17.39	276	633492	43.276	ng		97

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

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