Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112665.D
Acq On : 22 Feb 2019 15:41
Operator : JU/SJ
Sample : PB117296BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117296BS

Manual Integrations APPROVED
Sohil
2/25/2019 9:21:50 AM

Quant Time: Feb 23 00:12:59 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	6.82	152	76583	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	305984	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	150741	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	298302	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	223745	20.00	ng		-0.03
87) Perylene-d12	15.45	264	162144	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	353906	98.16	ng		-0.03
7) Phenol-d6	6.47	99	452219	90.26	ng		-0.02
23) Nitrobenzene-d5	7.39	82	436148	82.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	146929	83.74	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	889550	83.46	ng		-0.04
79) Terphenyl-d14	12.92	244	1082733	91.14	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	74693	52.004	ng		93
3) Pyridine	3.32	79	180706	49.461	ng		96
4) n-Nitrosodimethylamine	3.28	42	88622	57.735	ng	#	88
6) Aniline	6.48	93	296465	49.744	ng	#	74
8) 2-Chlorophenol	6.61	128	221301	45.626	ng		97
9) Benzaldehyde	6.37	77	99055	37.827	ng		98
10) Phenol	6.48	94	255649	46.511	ng	#	71
11) bis(2-Chloroethyl)ether	6.55	93	191959	44.359	ng		95
12) 1,3-Dichlorobenzene	6.76	146	239835	42.459	ng		99
13) 1,4-Dichlorobenzene	6.83	146	247619	42.594	ng		98
14) 1,2-Dichlorobenzene	6.99	146	235041	43.183	ng		95
15) Benzyl Alcohol	6.97	79	185793	43.992	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	219110	39.436	ng	#	7
17) 2-Methylphenol	7.09	107	170585	44.366	ng	#	86
18) Hexachloroethane	7.32	117	88131	43.171	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	148034	42.851	ng		98
20) 3+4-Methylphenols	7.25	107	233855	47.563	ng	#	65
22) Acetophenone	7.23	105	307687	41.296	ng	#	94
24) Nitrobenzene	7.40	77	228637	43.110	ng		98
25) Isophorone	7.64	82	396865	47.638	ng		99
26) 2-Nitrophenol	7.72	139	121385	42.827	ng	#	92
27) 2,4-Dimethylphenol	7.76	122	183303	46.941	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	240424	42.384	ng		99
29) 2,4-Dichlorophenol	7.97	162	185671	42.488	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	201063	40.027	ng		98
31) Naphthalene	8.12	128	645185	45.089	ng		98
32) Benzoic acid	7.93	122	106809	47.951	ng		97
33) 4-Chloroaniline	8.17	127	274034	43.982	ng		96
34) Hexachlorobutadiene	8.23	225	113860	38.627	ng		99
35) Caprolactam	8.55	113	56482m	36.638	ng		
36) 4-Chloro-3-methylphenol	8.67	107	199977	43.228	ng		97
37) 2-Methylnaphthalene	8.81	142	455386	46.488	ng		97
38) 1-Methylnaphthalene	8.91	142	430643	45.866	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	202307	40.875	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	89556	51.576	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	124456	40.794	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	126794	39.766	ng		96
46) 1,1'-Biphenyl	9.27	154	553127	41.972	ng		97
47) 2-Chloronaphthalene	9.30	162	421301	41.226	ng		96
48) 2-Nitroaniline	9.41	65	125414	45.026	ng		98
49) Acenaphthylene	9.72	152	680492	45.431	ng		98
50) Dimethylphthalate	9.57	163	500623	42.745	ng		97
51) 2,6-Dinitrotoluene	9.65	165	110152	41.995	ng	#	71
52) Acenaphthene	9.89	154	392687	43.886	ng		98
53) 3-Nitroaniline	9.82	138	119748	42.140	ng		90
54) 2,4-Dinitrophenol	9.95	184	76686	91.099	ng		95
55) Dibenzofuran	10.06	168	596499	43.624	ng		92
56) 4-Nitrophenol	10.02	139	77706	51.722	ng		87
57) 2,4-Dinitrotoluene	10.06	165	151137	45.261	ng	#	74
58) Fluorene	10.40	166	489660	47.854	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	100735	41.806	ng	#	87
60) Diethylphthalate	10.27	149	511389	43.999	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	229701	41.268	ng		90
62) 4-Nitroaniline	10.45	138	115847	41.563	ng		91
63) Azobenzene	10.55	77	451858	44.205	ng		96
65) 4,6-Dinitro-2-methylphenol	10.48	198	62724	37.504	ng		91
66) n-Nitrosodiphenylamine	10.51	169	422728	42.047	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	140200	39.961	ng		95
68) Hexachlorobenzene	10.96	284	152232	40.443	ng		94
69) Atrazine	11.03	200	129082	39.791	ng		95
70) Pentachlorophenol	11.16	266	86153	58.821	ng		98
71) Phenanthrene	11.36	178	696594	44.917	ng		99
72) Anthracene	11.42	178	729119	47.198	ng		99
73) Carbazole	11.57	167	644272	42.279	ng		98
74) Di-n-butylphthalate	11.89	149	788932	41.710	ng		98
75) Fluoranthene	12.56	202	726370	43.669	ng		95
77) Benzidine	12.67	184	611137	99.239	ng		96
78) Pyrene	12.79	202	740682	47.814	ng		98
80) Butylbenzylphthalate	13.38	149	327783	43.735	ng		98
81) Benzo(a)anthracene	13.97	228	590194	44.872	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	202379	41.114	ng		99
83) Chrysene	14.01	228	563799	44.906	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	423215	39.781	ng	#	95
85) Di-n-octyl phthalate	14.54	149	654407	39.981	ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	405108	40.721	ng		96
88) Benzo(b)fluoranthene	15.02	252	458060	47.237	ng		98
89) Benzo(k)fluoranthene	15.04	252	437174	47.067	ng		99
90) Benzo(a)pyrene	15.39	252	412798	47.311	ng		99
91) Dibenzo(a,h)anthracene	16.93	278	336899	47.909	ng		96
92) Benzo(g,h,i)perylene	17.39	276	333777	50.310	ng		94

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

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