Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110119.D
Acq On : 24 Oct 2018 17:09
Operator : JU/SJ
Sample : J5603-20MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-GT104MSD

Quant Time: Oct 25 02:12:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131060	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	465221	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	183656	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	312502	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	273630	20.00	ng		-0.01
87) Perylene-d12	15.68	264	210050	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	407091	50.58	ng		-0.01
7) Phenol-d6	6.59	99	307425	29.86	ng		-0.02
23) Nitrobenzene-d5	7.53	82	642888	81.96	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	186776	102.67	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1045921	89.43	ng		-0.01
79) Terphenyl-d14	13.09	244	945697	71.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	60736	14.404	ng		93
3) Pyridine	3.62	79	143203	15.248	ng	#	83
4) n-Nitrosodimethylamine	3.56	42	74690	18.982	ng	#	93
6) Aniline	6.63	93	342906	25.571	ng	#	53
8) 2-Chlorophenol	6.75	128	321568	34.656	ng		99
9) Benzaldehyde	6.52	77	228753	37.616	ng		96
10) Phenol	6.60	94	146126	13.280	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	366194	40.450	ng		93
12) 1,3-Dichlorobenzene	6.91	146	367763	36.016	ng		96
13) 1,4-Dichlorobenzene	6.99	146	376317	36.439	ng		99
14) 1,2-Dichlorobenzene	7.14	146	348693	36.371	ng		99
15) Benzyl Alcohol	7.10	79	202822	25.617	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.24	45	596596	41.217	ng		68
17) 2-Methylphenol	7.21	107	201699	27.276	ng	#	81
18) Hexachloroethane	7.48	117	110714	29.282	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	258122	39.085	ng		97
20) 3+4-Methylphenols	7.36	107	231079	24.175	ng		95
22) Acetophenone	7.37	105	516861	48.216	ng		98
24) Nitrobenzene	7.55	77	376517	46.496	ng		93
25) Isophorone	7.79	82	680656	50.909	ng		96
26) 2-Nitrophenol	7.86	139	157799	40.950	ng		96
27) 2,4-Dimethylphenol	7.89	122	288551	45.165	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	441356	48.593	ng		100
29) 2,4-Dichlorophenol	8.10	162	264594	40.993	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	292105	40.402	ng		97
31) Naphthalene	8.27	128	966707	45.086	ng		100
32) Benzoic acid	7.96	122	35766	7.243	ng		91
33) 4-Chloroaniline	8.32	127	348463	36.111	ng		97
34) Hexachlorobutadiene	8.39	225	154041	38.373	ng		98
35) Caprolactam	8.67	113	11849	5.267	ng	#	87
36) 4-Chloro-3-methylphenol	8.79	107	243200	34.844	ng		97
37) 2-Methylnaphthalene	8.96	142	633425	44.650	ng		98
38) 1-Methylnaphthalene	9.07	142	599310	43.716	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	269156	47.036	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	62425	21.334 ng		96
43) 2,4,6-Trichlorophenol	9.24	196	168063	45.535 ng		95
44) 2,4,5-Trichlorophenol	9.27	196	175164	44.898 ng		93
46) 1,1'-Biphenyl	9.43	154	750777	45.206 ng		100
47) 2-Chloronaphthalene	9.46	162	561925	46.126 ng		99
48) 2-Nitroaniline	9.55	65	181024	49.036 ng		96
49) Acenaphthylene	9.87	152	842394	47.875 ng		99
50) Dimethylphthalate	9.72	163	680452	50.192 ng		99
51) 2,6-Dinitrotoluene	9.79	165	126567	43.341 ng		88
52) Acenaphthene	10.05	154	517168	44.429 ng		98
53) 3-Nitroaniline	9.96	138	146461	42.175 ng		91
54) 2,4-Dinitrophenol	10.07	184	15034	17.308 ng	#	83
55) Dibenzofuran	10.22	168	726523	44.579 ng		98
56) 4-Nitrophenol	10.11	139	99800	38.829 ng		96
57) 2,4-Dinitrotoluene	10.20	165	149274	40.244 ng	#	78
58) Fluorene	10.56	166	556849	45.909 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	139324	43.813 ng		96
60) Diethylphthalate	10.42	149	617915	46.692 ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	269462	42.112 ng		97
62) 4-Nitroaniline	10.57	138	151477	43.856 ng		96
63) Azobenzene	10.71	77	574188	43.711 ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	13002	9.107 ng		95
66) n-Nitrosodiphenylamine	10.67	169	492418	48.040 ng		97
67) 4-Bromophenyl-phenylether	11.05	248	158921	46.883 ng		97
68) Hexachlorobenzene	11.11	284	164482	45.733 ng	#	93
69) Atrazine	11.19	200	139698	43.127 ng		100
70) Pentachlorophenol	11.30	266	157401	75.052 ng		96
71) Phenanthrene	11.53	178	793479	48.526 ng		100
72) Anthracene	11.58	178	825352	50.358 ng		99
73) Carbazole	11.73	167	738810	46.167 ng		100
74) Di-n-butylphthalate	12.05	149	899483	49.768 ng		99
75) Fluoranthene	12.72	202	865362	52.146 ng		100
77) Benzidine	12.84	184	430015	Below Cal		97
78) Pyrene	12.96	202	882987	45.012 ng		99
80) Butylbenzylphthalate	13.56	149	401039	47.100 ng		98
81) Benzo(a)anthracene	14.15	228	798074	49.182 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	278309	49.254 ng		99
83) Chrysene	14.18	228	728711	47.281 ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	565579	49.138 ng		97
85) Di-n-octyl phthalate	14.73	149	989306	55.277 ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	552664	43.224 ng		96
88) Benzo(b)fluoranthene	15.23	252	637317	52.542 ng		99
89) Benzo(k)fluoranthene	15.26	252	596669	50.037 ng		98
90) Benzo(a)pyrene	15.62	252	564974	50.619 ng		99
91) Dibenzo(a,h)anthracene	17.26	278	467276	48.520 ng		98
92) Benzo(g,h,i)perylene	17.72	276	446259	47.024 ng		97

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

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